

Service Component Guide

- IBM Intelligent Cluster
- IBM Cluster 1350
- iDataPlex

11B Releasev1.0

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Introduction

This document is for use by service representatives and lists the main components for the current release of the IBM Intelligent Cluster and iDataPlex solutions.

For a component list for releases prior to 11B , Please see Instructions below on how to retrieve prior documentation:

1. Go to <http://www.ibm.com/support>
2. From the Choose support type menu, select System x and click the arrow button to the right.
3. From the Product family menu, select IBM Cluster 1350 or iDataPlex Solution and click Go.
4. To display the documentation, click Documentation in the Support & downloads box.

1. Release Components for 11B

This chapter provides a list of core components supported IBM Intelligent Cluster and iDataPlex components for the 11B Release.

Nodes

This section provides a list of the node types supported by the IBM Intelligent Cluster and iDataPlex solutions.

Table 1 Cluster Nodes

Cluster Nodes	MT	XCC	Rack
IBM System x3550 M3 R2	7944	AC1/MC1	1410
IBM System x3630 M3	7377	AC1/MC1	1410
IBM System x3650 M3 R2	7945	AC1/MC1	1410
IBM System x3690 X5	7147	AC1	1410
IBM System x3755 M3	7164	AC1	1410
IBM System x3850 X5	7143	AC1	1410
IBM System x iDataPlex dx360 M3 – Special bid	6391	AC1	1410/7825 ¹
IBM System x iDataPlex 2U Flex chassis (3 year warranty model)	6385	HC1	1410/7825
IBM System x iDataPlex 3U chassis (3 year warranty model)	6386	HC1	1410/7825

Footnotes:

1. iDataPlex nodes do not install directly into the rack. They are installed into an iDataPlex chassis which is then installed into the rack.
2. The BladeCenter blades do not install directly into the rack. They are installed into a BladeCenter chassis which is installed into the rack.

Table 2 Management Nodes

Management Nodes	MT	XCC	Rack
IBM System x3650 M3 R2	7945	AC1/MC1	1410
IBM System x3755 M3	7164	AC1/MC1	1410

Table 3 BladeCenter Chassis

BladeCenter Chassis	MT	XCC	Rack
IBM BladeCenter H	8852	HC1	1410
IBM BladeCenter (S)	8886	AC1	1410

Server Adapters

This section provides a list of the supported server adapters and their part numbers.

Table 4 Storage Adapters for Servers

Storage Adapters for Servers	Option
ServeRAID-BR10il SAS/SATA Controller Kit	46M5557
ServeRAID- BR10il SAS/SATA Controller v2	49Y4731
ServeRAID M5014 SAS/SATA Controller	46M0916
ServeRAID M5015 SAS/SATA Controller	46M0829
ServeRAID M1015 SAS/SATA Controller	46M0831
ServeRAID M5025 SAS/SATA Controller	46M0830
Brocade 8Gb FC Single-port HBA for IBM System x	46M6049
ServeRAID-BR10il SAS/SATA Controller v2 with bracket	P69Y0776
ServeRAID B5015 SSD Controller	46M0969
Brocade 8Gb FC Dual-port HBA for IBM System x	46M6050
ServeRAID H1110 SAS/SATA Controller for IBM System x	81Y4492
Emulex 10GbE Integrated Virtual Fabric Adapter for IBM System x	P49Y7944
IBM 6Gb SAS HBA Controller	46M0907
Emulex 10GbE Virtual Fabric Adapter II for IBM System x	49Y7950
IBM 6Gb SSD Host Bus Adapter	P46M0983
IBM 320GB High IOPS SD Class SSD PCIe Adapter	46M0878
IBM 320GB High IOPS MS Class SSD PCIe Adapter	46M0898
IBM 640GB High IOPS SD Class SSD PCIe Adapter	P68Y7388
QLogic 8Gb FC Single-port HBA for IBM System x	42D0501
QLogic 8Gb FC Dual-port HBA for IBM System x	42D0510
IBM 1.3TB High IOPS SSD PCIe Adapter	81Y4527
640GB High IOPS MLC Duo Adapter for IBM System x	81Y4519
640GB High IOPS MLC Adapter for IBM System x	81Y4531
320GB High IOPS SLC Adapter for IBM system x	81Y4535
640GB High IOPS SLC Duo Adapter for IBM System x	81Y4539

Table 5 Storage Expansion Cards for BladeCenter

Storage Expansion Cards for BladeCenter	Option/FC
SAS Connectivity Card (CIOv) for IBM BladeCenter	43W4068
Emulex 8Gb Fibre Channel Expansion Card (CIOv) for IBM BladeCenter	46M6140
Qlogic 8Gb Fibre Channnel Expansion Card (CIOV) for IBM BladeCenter	44X1945

ServeRAID-MR10ie (CIOv) Controller for IBM BladeCenter	46C7167
ServeRAID-MR10ie (CIOv) Controller for IBM BladeCenter w/Battery	P59Y7807
ServeRAID-MR10ie (CIOv) Controller for IBM BladeCenter w/o Battery	P59Y7808

Table 6 High-speed Communication Adapters for Blade Servers

High-speed Communication Adapters for Blade Servers	Option/FC
Broadcom 10Gb Gen2 4-port Ethernet Exp Cd (CFFh) for IBM BladeCenter	46M6164
2-port 40Gb InfiniBand Expansion Card (CFFh) for IBM BladeCenter	46M6001
Broadcom 10Gb Gen2 2-port Ethernet Exp Cd (CFFh) for IBM BladeCenter	46M6168
Broadcom 10Gb Gen3 2-port Ethernet Exp Cd (CFFh) for IBM BladeCenter	81Y3133
Brocade 2-port 10Gb Converged Network Adapter for IBM BladeCenter	81Y1650
Chelsio T420-BCH Dual-port 10GbE CFFh Expansion Card	46M2245
Emulex Virtual Fabric Adapter Advanced for IBM BladeCenter	90Y3550
QLogic 2-pt 10Gb Converged Network Adapter(CFFh) for IBM BladeCenter	42C1830

Table 7 Communication Adapters for Servers

Communication Adapters for Servers	Option
Dual port 1Gb Ethernet Daughter Card	46M1076

Table 8 High-speed Communication Adapters for Servers

High-speed Communication Adapters for Servers	Option
Mellanox ConnectX-3 VPI Single-port QSFP QDR/FDR10/10GbE HCA	95Y3451
Mellanox ConnectX-3 VPI Dual-port QSFP QDR/FDR10/10GbE HCA	95Y3455
Mellanox ConnectX-3 EN Dual-port QSFP+ 40GbE Adapter	95Y3459
Chelsio T420-CR Dual-port (SFP+) 10GbE PCI-E 2.0 Adapter	46M2237
Chelsio T440-CR Quad-port (SFP+) 10GbE PCI-E 2.0 Adapter	46M2241
Chelsio T420-SO-CR Dual-port (SFP+) 10GbE PCI-E 2.0 Adapter	81Y8021
QLogic QLE7340 single-port 4X QDR IB x8 PCI-E 2.0 HCA	59Y1888

BladeCenter I/O modules

This section provides a list of the supported BladeCenter input/output (I/O) modules and their part numbers.

Table 9 Storage Modules for BladeCenter

Storage Modules for BladeCenter	Option
Brocade 10-port 8Gb SAN Switch Module for IBM BladeCenter	44X1921

Brocade 20-port 8Gb SAN Switch Module for IBM BladeCenter	44X1920
IBM BladeCenter SAS Connectivity Module	39Y9195
QLogic 20-port 4/8 Gb SAN Switch Module for IBM BladeCenter	88Y6406
QLogic 4/8 Gb Intelligent Pass-thru Module for IBM BladeCenter	88Y6410

Table 10 Network Modules for BladeCenter

Network Modules for BladeCenter	Option
10GB Ethernet Pass-Thru Module for IBM BladeCenter	46M6181
BNT 10-port 10GB Ethernet Switch Module for IBM BladeCenter	46C7191
Brocade FCoE Switch Module for IBM BladeCenter	69Y1909
Cisco Catalyst Switch Module 3012 for IBM BladeCenter	43W4395
Cisco Catalyst Switch Module 3110G for IBM BladeCenter	41Y8523
Cisco Catalyst Switch 3110X for IBM BladeCenter	41Y8522
Cisco Nexus 4001 Switch Module for IBM BladeCenter	46M6071
Intelligent Copper Pass-thru Module for IBM BladeCenter	44W4483
BNT Layer 2/3 Copper Gb Ethernet Switch Module for IBM BladeCenter	32R1860
BNT 1/10Gb Uplink Ethernet Switch Module for IBM BladeCenter	44W4404
QLogic Virtual Fabric Extension Module for IBM BladeCenter	46M6172
QLogic 20-port 4/8 Gb SAN Switch Module for IBM BladeCenter	88Y6406
QLogic 4/8 Gb Intelligent Pass-thru Module for IBM BladeCenter	88Y6410
Server Connectivity Module for BladeCenter	39Y9324
Voltaire 40Gb InfiniBand Switch Module for IBM BladeCenter	46M6005

OEM switches, switch options and other devices

This section provides a list of the supported OEM switches, switch enclosures, line cards and additional options, a patch panel, terminal servers and their part numbers.

Table 11 Mellanox Ethernet Switches

Mellanox Switches	MTM/Option	XCC	Rack
Mellanox IS5030 for 1410 36-port Managed QDR IB Switch Bundle	0724-010	0724-HC3	1410
Mellanox IS5030 for iDPx 36-port Managed QDR IB Switch Bundle	0724-011	0724-HC4	iDPx
Mellanox IS5200 Switch Bundle	0724-012	0724-HC5	1410
Mellanox IS5600 Switch Bundle	0724-013	0724-HC6	1410
Mellanox IS5100 Switch Bundle	0724-014	0724-HC7	1410
Mellanox IS5300 Switch Bundle	0724-015	0724-HC8	1410
Mellanox SX6036 QDR/FDR10 InfiniBand Switch (PSE)	0724-016	0724-HC9	1410
Mellanox SX6036 QDR/FDR10 InfiniBand Switch (oPSE)	0724-017	0724-HCA	iDPx
Mellanox SX6536 QDR/FDR10 InfiniBand Switch	0724-018	0724-HCB	1410
Mellanox BridgeX BX5020 Gateway (PSE)	0724-019	0724-HCC	1410
Mellanox SX65xx QDR/FDR10 Spine Module	0724-020	0724-HCD/HCB	1410
Mellanox SX65xx 18-port QSFP QDR/FDR10 InfiniBand Leaf Module	0724-021	0724-HCE/HCB	1410
Mellanox SX65xx PPC460-based Management Module	90Y3804	0724-HCB	
Mellanox IS5xxx PPC460EX Management Module	81Y1525	0724-HC5/HC6/H C7/H C8	-
Mellanox IS5xxx 18-port QSFP QDR IB Leaf Module	81Y1527	0724-HC5/HC6/H C7/H C8	-
Mellanox 450w Power Supply (Intake)	81Y1521	0724-HC3	-
Mellanox 450w Power Supply (Exhaust)	81Y1523	0724-HC4	-
Mellanox MSX60xx/MSX10xx 300w Power Supply with Intake Fan	90Y3800	0724-HC9	-
Mellanox MSX60xx/MSX10xx 300w Power Supply with Exhaust Fan	90Y3802	0724-HCA	-

Table 12 Cisco Ethernet Switches

Cisco Ethernet Switches	MTM/Option	XCC	Rack
Cisco 2960G 48-port Ethernet Switch Bundle	4670-032	4670-HCG	1410/7825

Cisco 3750-X Switch (oPSE)	4670-051	4670-HD2	iDPX
Cisco 4948E Switch (oPSE)	4670-050	4670-HD1	iDPX
Cisco C3K-X 10GbE (SFP+) Uplink Module	81Y8189	4670-HD2	
Cisco C49E 300w Exhaust AC Power Supply	81Y8185	4670-HD1	
Cisco C3K-X-350w AC Power Supply	81Y8187	4670-HD2	

Table 13 Cyclades Terminal Servers

Cyclades Terminal Servers	MTM/Option	XCC	Rack
Cyclades ACS48 Terminal Server	0448-011	0448-HC4	1410/7825
Cyclades ACS32 Terminal Server	0448-012	0448-HC3	1410

Table 14 QLogic Switches

QLogic Switches	MTM/Option	XCC	Rack
QLogic 12200 36-port QDR InfiniBand Switch Bundle	0449-019	0449-HCC	1410
QLogic 12200 for 1410 36-port Red. Pwr QDR IB Switch Bundle	0449-028	0449-HCM	1410
QLogic 12200 (iDPx) 36-port QDR InfiniBand Switch Bundle	0449-020	0449-HCD	iDPx
QLogic 12200 for iDPx 36-port Red. Pwr QDR IB Switch Bundle	0449-029	0449-HCN	iDPx
QLogic 12800-180 QDR InfiniBand Switch Bundle	0449-022	0449-HCF	1410
QLogic 12800-360 QDR InfiniBand Switch Bundle	0449-023	0449-HCG	1410
QLogic 12200 Management Module	68Y6995	0449-HCC/HCD/HCM/HCN	-
QLogic 12800 Management Module	49Y8543	0449-HCF/HCG	-
QLogic 12800 QDR Single Spine Module	0449-024	0449-HCF/HCG	-
QLogic 12800 QDR Double Spine Module	0449-025	0449-HCF/HCG	-
QLogic 12800 18-port 4X QDR Ultra-HP InfiniBand Leaf Module	0449-027	0449-HCF/HCG	-
QLogic 12800 24-port 4X QDR Ultra-HD InfiniBand Leaf Module	0449-026	0449-HCF/HCG	-
QLogic 12800 Hot-swap Power Supply	49Y8504	0449-HCF/HCG	-

Table 15 LG-Ericsson (SMC) Switches

LG-Ericsson (SMC) Switches	MTM/Option	XCC	Rack
LG-Ericsson ES-5048XG Switch (PSE)	4668-020	4668-HC9	1410
LG-Ericsson ES-4550G Switch (SE)	4668-022	4668-HCB	1410
LG-Ericsson 350w Power Supply with Intake Fan	81Y8137	4668-HC9	-
LG-Ericsson Rack Mount Kit 3	81Y8141	4668-HCB	-
LG-Ericsson Rack Mount Kit 9	81Y8143	4668-HC9	-
SMC 8126L2 26-port GbE Switch Bundle	4668-017	4668-HC6	1410/iDPx
SMC 8150L2 50-port GbE Switch Bundle	4668-018	4668-HC7	1410/iDPx
SMC RPU14 Redundant Power Unit Bundle	4668-019	4668-HC8	1410/iDPx
SMC Single-port 10Gb Uplink Module	40K9165	4668-HC3	-
SMC Rack Mount Kits for iDataPlex	46C5045	4668-HC3/HC4	-
SMC Rack Mount Kit 5 (1410 Rack)	46M2189	4668-HC6/HC7	-
SMC Rack Mount Kit 6 (iDPx Rack)	46M2181	4668-HC6/HC7	-
SMC Rack Mount Kit 7 (1410 Rack)	49Y8562	4668-HC8	-
SMC Rack Mount Kit 8 (iDPx Rack)	49Y8566	4668-HC8	-

Table 16 Tyco Patch Panel

Voltaire Switches	MTM/Option	XCC	Rack
Tyco 48-port 1Gb Ethernet Angled Patch Panel	0564-010	0564-HC3	1410

Table 17 Voltaire Switches

Voltaire Switches	MTM/Option	XCC	Rack
Voltaire 4036 for 1410 36-port Managed QDR IB Switch Bundle	4669-032	4669-HCN	1410
Voltaire 4036 for iDPx 36-port Managed QDR IB Switch Bundle	4669-033	4669-HCP	iDPx
Voltaire 4700 for 1410 Switch Bundle	4669-034	4669-HCQ	1410
Voltaire 8500 for 1410 Switch Bundle	4669-037	4669-HCT	1410
Voltaire 4200 Switch Bundle	4669-041	4669-HCX	1410
Voltaire 4036E Switch (PSE)	4669-042	4669-HCY	1410
Voltaire 4036E Switch (oPSE)	4669-043	4669-HCZ	iDPX
Voltaire 4036E-LM Switch (PSE)	4669-044	4669-HD1	1410

Voltaire 4036E-LM Switch (oPSE)	4669-045	4669-HD2	iDPX
Voltaire sMB-E Management Module	4669-040	4669-HCW	-
Voltaire sMB-CM Management Board	49Y0474	4669-HCQ/HCX	-
Voltaire sFB-4200 Vertical Fabric Board	81Y8069	4669-HCX	-
Voltaire sFB-4700 Switch Fabric Board	49Y0470	4669-HCQ	-
Voltaire sFB-4700-X2 Hyperscale Fabric Board	4669-036	4669-HCS	-
Voltaire sFB-8500 Fabric Board	4669-039	4669-HCV	-
Voltaire sLB-1024 24-Port 10GbE Line Board	4669-038	4669-HCU	-
Voltaire sLB-4018 18-port QDR IB Line Board	4669-035	4669-HCR	-
Voltaire 350w Power Supply	49Y0476	4669-HCN/HCP	-
Voltaire 1400w sPSU-S Power Supply	49Y0478	4669-HCQ/HCT/HCX	-

Table 18 Juniper Switches

Juniper Switches	MTM/Option	XCC	Rack
IBM Ethernet Switch J16E Bundle	0719-013	0719-HC5	1410
IBM Ethernet Switch J08E Bundle	0719-012	0719-HC4	-
48-port 1GbE RJ-45 Line Card	0719-014	0719-HC4/HC5	-
8-port 10 GbE SFP+ Line Card	0719-015	0719-HC4/HC5	-
IBM J08E Air Baffle Hardware Kit for 1410	81Y1632	0719-HC4	-
IBM J16E Air Baffle Hardware Kit for 1410	81Y1634	0719-HC5	-
IBM J48E Rack Mount for iDPx Rack	81Y1463	E48	-

External storage

This section provides a list of the supported storage servers, storage expansion units, storage switches and their part numbers.

Table 19 Storage Servers

Storage Servers	MTM	Rack
DS5100 Storage Controller	181851A	1410
DS5300 Storage Controller	181853A	1410
IBM System Storage DS3950 Model 94	181494A	1410
IBM System Storage DS3950 Model 98	181498A	1410
IBM System Storage DS3512 Express Single Controller Storage System	1746C2A	1410
IBM System Storage DS3512 Express Dual Controller Storage System	1746C2A	1410
IBM System Storage DS3524 Express Single Controller Storage System	1746C4A	1410
IBM System Storage DS3524 Express Dual Controller Storage System	1746C4A	1410

Table 20 DDN Storage Servers

DDN Storage Servers	MTM	Rack
DDN StorageScaler 7000 Five-Enclosure Bundle	0750HC5	0750
DDN StorageScaler 7000 Ten-Enclosure Bundle	0750HC6	0750
DDN StorageScaler 7000 Twenty-Enclosure Bundle	0750HC7	0750
		0750
DDN SFA10000 Fibre Channel Based Couplet	0750HC1	0750
DDN SFA10000 InfiniBand Based Couplet	0750HC2	0750
DDN SFA12000 Fibre Channel Based Couplet	0750HC3	0750
DDN SFA12000 InfiniBand Based Couplet	0750HC4	0750
		0750
DDN StorageScaler 7000 Five-to-Ten Enclosure Upgrade	0750HC8	0750
DDN StorageScaler 7000 Ten-to-Twenty Enclosure Upgrade	0750HC9	0750

Table 21 Storage Expansion Units

Storage Expansion Units	MTM	Rack
EXP5000 Storage Expansion Unit	1818D1A	1410
IBM System Storage EXP3512 Express Storage Expansion Unit	1746E2A	1410
IBM System Storage EXP3524 Express Storage Expansion Unit	1746E4A	1410
IBM System Storage EXP395 Expansion Unit	181492A	1410
EXP520 Expansion Unit	181452A	1410

IBM System Storage EXP2512 Express Storage Enclosure	174712X	1410
IBM System Storage EXP2524 Express Storage Enclosure	174724X	1410

Table 22 SAN Switches

SAN Switches	MTM	Rack
IBM System Storage SAN24B-4 Express	249824E	1410
IBM System Storage SAN40B-4	249840E	1410

Cable connectivity

This section provides a list of the supported cables, transceivers and their part numbers.

Table 23 CAT5E Ethernet Cables

CAT5E Ethernet Cables	Option
IntraRack CAT5E Cable Service	02R2271
0.6m Blue CAT5E Cable	40K5679
0.6m Green CAT5E Cable	40K5563
0.6m Yellow CAT5E Cable	40K8933
1.5m Blue CAT5E Cable	40K8785
1.5m Green CAT5E Cable	40K5643
1.5m Yellow CAT5E Cable	40K8951
3m Blue CAT5E Cable	40K5581
3m Green CAT5E Cable	40K5793
3m Yellow CAT5E Cable	40K8957
10m Blue CAT5E Cable	40K8927
10m Green CAT5E Cable	40K5794
10m Yellow CAT5E Cable	40K8801
25m Blue CAT5E Cable	40K8930
25m Green CAT5E Cable	40K8869
25m Yellow CAT5E Cable	40K8807

Table 24 CAT6E Ethernet Cables

CAT6E Ethernet Cables	Option
IntraRack CAT6E Cable Service	90Y3713
10m CAT6 Yellow Cable	90Y3715
10m CAT6 Green Cable	90Y3718
10m CAT6 Blue Cable	90Y3721
25m CAT6 Yellow Cable	90Y3724
25m CAT6 Green Cable	90Y3727
25m CAT6 Blue Cable	90Y3730

Table 25 Optical Cables (Ethernet and/or InfiniBand)

Optical Cables	Option
0.2m LC(female) - SC(male) Fiber Cable	44R8701
3m QLogic Optical QDR InfiniBand QSFP Cable	59Y1920

10m QLogic Optical QDR InfiniBand QSFP Cable	59Y1924
30m QLogic Optical QDR InfiniBand QSFP Cable	59Y1928
3m IBM Optical QDR InfiniBand QSFP Cable	49Y0488
10m IBM Optical QDR InfiniBand QSFP Cable	49Y0491
30m IBM Optical QDR InfiniBand QSFP Cable	49Y0494
1.2m Voltaire Copper 12X CXP-to-12X CXP Cable	68Y6931
4m Voltaire Copper 12X CXP-to-12X CXP Cable	68Y6943
4m Voltaire Copper 12X CXP-to-3 QSFP Breakout Cable	68Y6971
10m Voltaire Optical 12X CXP-to-12X CXP Cable	68Y6955
10m Voltaire Optical 12X CXP-to-3 QSFP Breakout Cable	68Y6979

Table 26 Copper InfiniBand and/or 10GbE Cables

Copper InfiniBand and/or 10GbE Cables	Option
1m Mellanox Copper Cable for 4X IB and 10GbE	46D0162
3m Mellanox Copper Cable for 4X IB and 10GbE	46D0166
5m Mellanox Copper Cable for 4X IB and 10GbE	46D0170
8m Mellanox Copper Cable for 4X IB and 10GbE	46D0174
1m Mellanox QSFP Passive Copper InfiniBand Cable	90Y3810
3m Mellanox QSFP Passive Copper InfiniBand Cable	90Y3814
5m Mellanox QSFP Passive Copper InfiniBand Cable	90Y3818
0.5m QLogic Copper QDR InfiniBand QSFP 30AWG Cable	59Y1892
1m QLogic Copper QDR InfiniBand QSFP 30AWG Cable	59Y1896
3m QLogic Copper QDR InfiniBand QSFP 28AWG Cable	59Y1900

Table 27 Optical InfiniBand and/or 10GbE Cables

Optical InfiniBand and/or 10GbE Cables	Option
3m Mellanox QSFP Optical InfiniBand Cable	95Y3463
5m Mellanox QSFP Optical InfiniBand Cable	95Y3467
10m Mellanox QSFP Optical InfiniBand Cable	90Y3822
15m Mellanox QSFP Optical InfiniBand Cable	90Y3826
20m Mellanox QSFP Optical InfiniBand Cable	90Y3830
30m Mellanox QSFP Optical InfiniBand Cable	90Y3838

Table 28 Direct Attach Copper (DAC) Cables (Ethernet)

DAC Ethernet Cables	Option
0.5m Molex Direct Attach Copper SFP+ Cable	59Y1932
1m Molex Direct Attach Copper SFP+ Cable	59Y1936
3m Molex Direct Attach Copper SFP+ Cable	59Y1940
7m Molex Direct Attach Copper SFP+ Cable	59Y1944
1m Juniper DAC SFP+ Cable	68Y6927
3m Juniper DAC SFP+ Cable	68Y6947
7m Juniper DAC SFP+ Cable	68Y6999

Table 29 Other Networking Cables

Other Networking Cables	Option
3m Tyco Straight MRJ21-to-Angled MRJ21 Cable	44E9046
10m Tyco Straight MRJ21-to-Angled MRJ21 Cable	44E9051
30m Tyco Straight MRJ21-to-Angled MRJ21 Cable	44E9066

Table 30 Cisco StackWise Cables

StackWise Cables	Option
1m Cisco StackWise Cable	81Y1643
3m Cisco StackWise Cable	81Y1647

Table 31 Transceivers/Other

Transceivers/Other	Option
Force10 10Gb XFP SR Optics Module	40K8890
BLADE 1000BASE-T (RJ45) SFP Transceiver	81Y1618
BLADE 1000BASE-SX SFP Transceiver	81Y1622
Juniper SFP+ SR 10GbE Transceiver	68Y6923
IBM 10GbE SW SFP+ Transceiver	49Y8578
Cisco 10GBASE-SR X2 Module	44E9078
Cyclades RJ45(F)-to-DB9(F) Serial Cable Adapter	40K5798
Cyclades RJ45(F)-to-RJ45(M) Serial Cable Adapter for BladeCenter	42D1363
Voltaire Hyperscale Cable Management Kit	49Y0484

Rack options

This section provides the supported rack cabinet and a list of the supported keyboard, video and mouse (KVM) switches, front-end power distribution units (PDUs), rack cabinet PDUs and their part numbers.

Table 32 Rack Cabinets

Rack Cabinets	MTM
e1350 42U Rack Cabinet	1410-4RX
e1350 25U Rack Cabinet	1410-2RX
Intelligent Cluster 42U 1200mm Deep Primary Rack ¹	1410-PRA
Intelligent Cluster 42U 1200mm Deep Expansion Rack ²	1410-ERA
IBM 42U 1100 mm Deep Dynamic Rack ³	1410-PRB
IBM 42U 1100 mm Deep Dynamic Expansion Rack ⁴	1410-ERB
DDN 42U Rack for U.S.	0750-HCD
DDN 42U Rack for Europe	0750-HCE
DDN 42U Rack for Australia	0750-HCF
DDN 45U Rack for U.S.	0750-HCA
DDN 45U Rack for Europe	0750-HCB
DDN 45U Rack for Australia	0750-HCC

Footnotes:

1. This rack (1410-PRA) is the same rack as 9360-4PX and uses the 9360-4PX FRUs
2. This rack (1410-ERA) is the same rack as 9360-4EX and uses the 9360-4EX FRUs
3. This rack (1410-PRB) is the same rack as 9363-4PX and uses the 9363-4PX FRUs
4. This rack (1410-ERB) is the same rack as 9363-4EX and uses the 9363-4EX FRUs

Table 33 Rack Cabinets Options

Rack Options	MTM
Rear Door Heat eXchanger for 9963 Rack	175642X

Table 34 KVM Switches

KVM Switches	MTM (XCC)	MTM (HVEC)
IBM Local 1X8 Console Manager (LCM8)	1754-HC3	
IBM Local 2X16 Console Manager (LCM16)	1754-HC4	
IBM Global 2X2X16 Console Manager (GCM16)	1754-HC1	
IBM Global 4X2X32 Console Manager (GCM32)	1754-HC2	

Table 35 Enterprise PDUs for the 1410 Rack

Enterprise PDUs for the 1410 Rack	Option
DPI C19 Enterprise PDU (WW)	39Y8948
DPI Single-phase 63A/230V C19 Enterprise PDU (International)	39Y8948
DPI Three-phase 32A/380-415V C19 Enterprise PDU (International)	39Y8948
DPI Single-phase 32A/230V C19 Enterprise PDU (Aus/NZ)	39Y8948

DPI Three-phase 60A/208V C19 Enterprise PDU (US)	39Y8923
DPI Single-phase 30A/208V C19 Enterprise PDU (US)	39Y8948
DPI Single-phase 32A/230V C19 Enterprise PDU (International)	39Y8948
DPI Single-phase 30A/250V C19 Enterprise PDU (S Korea)	39Y8948
DPI Single-phase 30A/208V C13 Enterprise PDU (US)	39Y8941
DPI Single-phase 60A/208V C13 Enterprise PDU (US)	39Y8941
Ultra Density Enterprise C19/C13 PDU Module (WW) with 4.3m, 30A/208V, EPDU to NEMA L6-30P (US) Line Cord	71762NX
Ultra Density Enterprise C19/C13 PDU Module (WW) with 4.3m, 60A/208V, EPDU to IEC 309 2P+G (US) Line Cord	71762NX
Ultra Density Enterprise C19/C13 PDU 60A/208V/3ph (US)	71763NU
Ultra Density Enterprise C19/C13 PDU+ 60A/208V/3ph (US)	71763MU
Ultra Density Enterprise C19/C13 PDU Module (WW) with 4.3m, 32A/230V, EPDU to IEC 309 P+N+G (non-US) Line Cord	71762NX
Ultra Density Enterprise C19/C13 PDU Module (WW) with 4.3m, 63A/230V, EPDU to IEC 309 P+N+G (non-US) Line Cord	71762NX
Ultra Density Enterprise PDU Module (WW) with 4.3m, 32A/380-415V, EPDU/IEC 309 3P+N+G 3ph wye (non-US) Line Cord	71762NX
Ultra Density Enterprise PDU Module (WW) with 4.3m, 32A/230V, EPDU to AS/NZS 3112 (Aus/NZ) Line Cord	71762NX
Ultra Density Enterprise PDU Module (WW) with 4.3m, 30A/250V, EPDU to KSC 8305 (S. Korea) Line Cord	71762NX
Enterprise C13 PDU Module (WW)	39Y8941
DPI Single-phase 32A/230V C13 Enterprise PDU (International)	39Y8941
DPI Single-phase 63A/230V C13 Enterprise PDU (International)	39Y8941
DPI Three-phase 32A/380-415V C13 Enterprise PDU (International)	39Y8941
DPI Single-phase 32A/230V C13 Enterprise PDU (Aus/NZ)	39Y8941
DPI Single-phase 30A/250V C13 Enterprise PDU (S Korea)	39Y8941

Table 36 Rack PDUs for the 1410 Rack

Rack Cabinet PDUs	MTM/Option/FC
DPI Universal Rack PDU w/Nema L5-20P & L6-20P U.S. Line Cord	39Y8951
DPI Universal Rack PDU with GB 2099.1 (China line cord)	39Y8959
DPI Universal Rack PDU with SI32 (Israel line cord)	39Y8954
DPI Universal Rack PDU with 3112 (Australia/New Zealand line cord)	39Y8958
DPI Universal Rack PDU with IRAM 2073 (Argentina line cord)	39Y8962
DPI Universal Rack PDU with CEI 23-16 (Italy line cord)	39Y8955
DPI Universal Rack PDU with SABS 164 (South Africa line cord)	39Y8956

DPI Universal Rack PDU with BS 1363/A (UK line cord)	39Y8957
DPI Universal Rack PDU with IS 6538 (India line cord)	39Y8961
DPI Universal Rack PDU w/Nema L5-20P & L6-20P U.S. Line Cord	39Y8952
DPI Universal Rack PDU (Europe)	39Y8952
DPI Universal Rack PDU with IEC 309 2-pin and ground (Denmark line cord)	39Y8953
DPI Universal Rack PDU with C19/C20	41Y9221
DPI Universal Rack PDU (Japan HV)	5964
DPI Universal Rack PDU (S Korea)	5965
DPI Universal Rack PDU (Taiwan HV)	5967
DPI 100-127V NEMA PDU	39Y8905
DPI Three-phase 60A/208V C19 Enterprise PDU (US)	39Y8923

Table 37 Rack 7825 Cabinet PDUs

Rack 7825 Cabinet PDUs	Option
iDPx Single-phase 30A/208V Enterprise C13 PDU (US)	43V6061
iDPx Single-phase 30A/208V Enterprise C13 PDU+ (US)	43V6065
iDPx Three-phase 60A/208V Enterprise C13 PDU+ (US)	39M2817
iDPx Three-phase 32A/380-415V Enterprise C13 PDU (Int'l)	43V6062
iDPx Three-phase 32A/380-415V Enterprise C13 PDU+ (Int'l)	43V6066
iDPx Single-phase 32A/230V Enterprise C13 PDU (Aus/NZ)	43V6063
iDPx Single-phase 32A/230V Enterprise C13 PDU+ (Aus/NZ)	43V6067
iDPx Single-phase 30A/250V Enterprise C13 PDU (S Korea)	43V6064
iDPx Single-phase 30A/250V Enterprise C13 PDU+ (S Korea)	43V6068

2. Release Components for 11A

This chapter provides a list of core components supported IBM Intelligent Cluster and iDataPlex components for the 11A Release.

Nodes

This section provides a list of the node types supported by the IBM Intelligent Cluster and iDataPlex solutions.

Table 1 Cluster Nodes

Cluster Nodes	MT	XCC	Rack
IBM System x3550 M3 R2	7944	AC1/MC1	1410
IBM System x3650 M3 R2	7945	AC1/MC1	1410
IBM System x3690 X5	7148	AC1/AC3/AC4	1410
IBM System x3755 M3	7164	AC1/MC1	1410
IBM System x3850 X5	7145	AC1/AC3/AC4/MC1	1410
IBM System x iDataPlex dx360 M3 – Special bid	6391	AC1	1410/7825 ¹
IBM System x iDataPlex 2U Flex chassis (3 year warranty model)	6385	HC1	1410/7825
IBM System x iDataPlex 3U chassis (3 year warranty model)	6386	HC1	1410/7825
IBM BladeCenter HS22	7870	AC1	1410 ²
IBM BladeCenter HS22V	7871	AC1	1410 ²
IBM BladeCenter HX5	7872	AC1/AC3/AC4	1410 ²

Footnotes:

3. iDataPlex nodes do not install directly into the rack. They are installed into an iDataPlex chassis which is then installed into the rack.
4. The BladeCenter blades do not install directly into the rack. They are installed into a BladeCenter chassis which is installed into the rack.

Table 2 Management Nodes

Management Nodes	MT	XCC	Rack
IBM System x3650 M3 R2	7945	AC1/MC1	1410
IBM System x3755 M3	7164	AC1/MC1	1410

Table 3 BladeCenter Chassis

BladeCenter Chassis	MT	XCC	Rack
IBM BladeCenter H	8852	HC1	1410
IBM BladeCenter (S)	8886	AC1	1410

Server Adapters

This section provides a list of the supported server adapters and their part numbers.

Table 4 Storage Adapters for Servers

Storage Adapters for Servers	Option
ServeRAID-BR10il SAS/SATA Controller Kit	46M5557
ServeRAID- BR10il SAS/SATA Controller v2	49Y4731
ServeRAID M5014 SAS/SATA Controller	46M0916
ServeRAID M5015 SAS/SATA Controller	46M0829
ServeRAID M1015 SAS/SATA Controller	46M0831
ServeRAID M5025 SAS/SATA Controller	46M0830
Brocade 8Gb FC Single-port HBA for IBM System x	46M6049
Brocade 8Gb FC Dual-port HBA for IBM System x	46M6050
Emulex 10GbE Server Adapter for IBM System x	49Y4250
Emulex 10GbE Integrated Virtual Fabric Adapter for IBM System x	P49Y7944
IBM 6Gb SAS HBA Controller	46M0907
IBM 6Gb SSD Host Bus Adapter	P46M0983
IBM 320GB High IOPS SD Class SSD PCIe Adapter	46M0878
IBM 320GB High IOPS MS Class SSD PCIe Adapter	46M0898
IBM 640GB High IOPS SD Class SSD PCIe Adapter	P68Y7388
QLogic 8Gb FC Single-port HBA for IBM System x	42D0501
QLogic 8Gb FC Dual-port HBA for IBM System x	42D0510

Table 5 Storage Expansion Cards for BladeCenter

Storage Expansion Cards for BladeCenter	Option/FC
SAS Connectivity Card (CIOv) for IBM BladeCenter	43W4068
Emulex 8Gb Fibre Channel Expansion Card (CIOv) for IBM BladeCenter	46M6140
Qlogic 8Gb Fibre Channnel Expansion Card (CIOV) for IBM BladeCenter	44X1945
ServeRAID-MR10ie (CIOv) Controller for IBM BladeCenter	46C7167
ServeRAID-MR10ie (CIOv) Controller for IBM BladeCenter w/Battery	P59Y7807
ServeRAID-MR10ie (CIOv) Controller for IBM BladeCenter w/o Battery	P59Y7808

Footnotes:

1. This PN is a feature code and not an option PN.

Table 6 High-speed Communication Adapters for Blade Servers

High-speed Communication Adapters for Blade Servers	Option/FC
Broadcom 10Gb Gen2 4-port Ethernet Exp Cd (CFFh) for IBM BladeCenter	46M6164
2-port 40Gb InfiniBand Expansion Card (CFFh) for IBM BladeCenter	46M6001
Brocade 2-port 10Gb Converged Network Adapter for IBM BladeCenter	81Y1650
Chelsio 10GbE Expansion Card (CFFh) for BladeCenter	46M1817
Chelsio T420-BCH Dual-port 10GbE CFFh Expansion Card	46M2245
QLogic 2-pt 10Gb Converged Network Adapter(CFFh) for IBM BladeCenter	42C1830

Footnotes:

1. This PN is a feature code and not an option PN.

Table 7 Communication Adapters for Servers

Communication Adapters for Servers	Option
Dual port 1Gb Ethernet Daughter Card	46M1076

Table 8 High-speed Communication Adapters for Servers

High-speed Communication Adapters for Servers	Option
Mellanox ConnectX-2 VPI Single-port QSFP QDR IB/10GbE PCI-E 2.0 HCA	81Y1531
Mellanox ConnectX-2 VPI Dual-port QSFP QDR IB/10GbE PCI-E 2.0 HCA	81Y1535
Chelsio S310E Single-port 10GbE PCI-E 2.0 x8 Adapter	59Y1952
Chelsio S320E Dual-port 10GbE PCI-E 2.0 x8 Adapter	59Y1956
Chelsio T420-CR Dual-port (SFP+) 10GbE PCI-E 2.0 Adapter	46M2237
Chelsio T440-CR Quad-port (SFP+) 10GbE PCI-E 2.0 Adapter	46M2241
Chelsio T420-SO-CR Dual-port (SFP+) 10GbE PCI-E 2.0 Adapter	81Y8021
QLogic QLE7340 single-port 4X QDR IB x8 PCI-E 2.0 HCA	59Y1888

BladeCenter I/O modules

This section provides a list of the supported BladeCenter input/output (I/O) modules and their part numbers.

Table 9 Storage Modules for BladeCenter

Storage Modules for BladeCenter	Option
Brocade 10-port 8Gb SAN Switch Module for IBM BladeCenter	44X1921
Brocade 20-port 8Gb SAN Switch Module for IBM BladeCenter	44X1920
IBM BladeCenter SAS Connectivity Module	39Y9195
Qlogic 20-port 8Gb SAN Switch Module for IBM BladeCenter	44X1905

Table 10 Network Modules for BladeCenter

Network Modules for BladeCenter	Option
10GB Ethernet Pass-Thru Module for IBM BladeCenter	46M6181
BNT 10-port 10GB Ethernet Switch Module for IBM BladeCenter	46C7191
Brocade FCoE Switch Module for IBM BladeCenter	69Y1909
Cisco Catalyst Switch Module 3012 for IBM BladeCenter	43W4395
Cisco Catalyst Switch Module 3110G for IBM BladeCenter	41Y8523
Cisco Catalyst Switch 3110X for IBM BladeCenter	41Y8522
Cisco Nexus 4001 Switch Module for IBM BladeCenter	46M6071
Intelligent Copper Pass-thru Module for IBM BladeCenter	44W4483
BNT Layer 2/3 Copper Gb Ethernet Switch Module for IBM BladeCenter	32R1860
BNT 1/10Gb Uplink Ethernet Switch Module for IBM BladeCenter	44W4404
Qlogic 8Gb Intelligent Pass-thru Module for IBM BladeCenter	44X1907
QLogic Virtual Fabric Extension Module for IBM BladeCenter	46M6172
Server Connectivity Module for BladeCenter	39Y9324
Voltaire 40Gb InfiniBand Switch Module for IBM BladeCenter	46M6005

OEM switches, switch options and other devices

This section provides a list of the supported OEM switches, switch enclosures, line cards and additional options, a patch panel, terminal servers and their part numbers.

Table 11 Brocade Ethernet Switches

Brocade Ethernet Switches	MTM/Option	XCC	Rack
Brocade VA-40FC for iDPx San Switch Bundle	0563-025	0563-HCJ	iDPx
Brocade VA-40FC for 1410 San Switch Bundle	0563-024	0563-HCH	1410

Table 12 Mellanox Ethernet Switches

Mellanox Switches	MTM/Option	XCC	Rack
Mellanox IS5030 for 1410 36-port Managed QDR IB Switch Bundle	0724-010	0724-HC3	1410
Mellanox IS5030 for iDPx 36-port Managed QDR IB Switch Bundle	0724-011	0724-HC4	iDPx
Mellanox IS5200 Switch Bundle	0724-012	0724-HC5	1410
Mellanox IS5600 Switch Bundle	0724-013	0724-HC6	1410
Mellanox IS5100 Switch Bundle	0724-014	0724-HC7	1410
Mellanox IS5300 Switch Bundle	0724-015	0724-HC8	1410
Mellanox IS5xxx PPC460EX Management Module	81Y1525	0724-HC5/H C7/H C8	-
Mellanox IS5xxx 18-port QSFP QDR IB Leaf Module	81Y1527	0724-HC5/H C7/H C8	-
Mellanox 450w Power Supply (Intake)	81Y1521	0724-HC3	-
Mellanox 450w Power Supply (Exhaust)	81Y1523	0724-HC4	-

Table 13 Cisco Ethernet Switches

Cisco Ethernet Switches	MTM/Option	XCC	Rack
Cisco 2960G 48-port Ethernet Switch Bundle	4670-032	4670-HCG	1410/7825
Cisco 4900M Ethernet Switch Bundle	4670-045	4670-HCV	1410
Cisco 3750-X Switch (oPSE)	4670-051	4670-HD2	iDPX
Cisco 4948E Switch (oPSE)	4670-050	4670-HD1	iDPX
Cisco X4904 4-port 10GbE Line Card Bundle	46M1833	4670-HCV	-
Cisco X4908 8-port 10GbE Line Card Bundle	46M1829	4670-HCV	-

Cisco X4920 20-port 1GbE Line Card Bundle	46M1825	4670-HCV	-
Cisco C3K-X 10GbE (SFP+) Uplink Module	81Y8189	4670-HD2	
Cisco C49E 300w Exhaust AC Power Supply	81Y8185	4670-HD1	
Cisco C3K-X-350w AC Power Supply	81Y8187	4670-HD2	

Table 14 Cyclades Terminal Servers

Cyclades Terminal Servers	MTM/Option	XCC	Rack
Cyclades ACS48 Terminal Server	0448-011	0448-HC4	1410/7825
Cyclades ACS32 Terminal Server	0448-012	0448-HC3	1410

Table 15 Force10 Switches

Force10 Switches	MTM/Option	XCC	Rack
Force10 E1200i ExaScale Switch Enclosure Bundle	4667-039	4667-HCS	1410
Force10 E600i ExaScale Switch Enclosure Bundle	4667-038	4667-HCR	1410
Force10 S60 48-port GbE Switch Bundle	4667-044	4667-HCX	1410
Force10 S60 48-port GbE Switch Bundle	4667-045	4667-HCY	iDPx
Force10 S60 Dual-port 10GbE (SFP+) Uplink Module	81Y8042	4667-HCX/HCY	-
Force10 S60 Single-port 24Gbps Stacking Kit	81Y8045	4667-HCX/HCY	-
Force10 ExaScale 10-port SFP+ 10GbE Line Card	4667-042	4667-HCV	-
Force10 ExaScale 40-port SFP+ 10GbE Line Card	4667-043	4667-HCW	-
Force10 ExaScale 4-port 40GbE Line Card	4667-046	4667-HCR/HCS	
Force10 ExaScale EH Route Processor Module	4667-040	4667-HCT	-
Force10 ExaScale 90-port MRJ21 GbE Line Card	4667-041	4667-HCU	-
Force10 S60 225w Power Supply with Intake Fans	81Y8048	4667-HCX	-
Force10 S60 225w Power Supply with Exhaust Fans	81Y8049	4667-HCY	-
Force10 E1200i-AC 2800w Power Supply	69Y0483	4667-HCS	-

Table 16 QLogic Switches

QLogic Switches	MTM/Option	XCC	Rack
QLogic 12200 36-port QDR InfiniBand Switch Bundle	0449-019	0449-HCC	1410
QLogic 12200 for 1410 36-port Red. Pwr QDR IB Switch Bundle	0449-028	0449-HCM	1410

QLogic 12200 (iDPx) 36-port QDR InfiniBand Switch Bundle	0449-020	0449-HCD	iDPx
QLogic 12200 for iDPx 36-port Red. Pwr QDR IB Switch Bundle	0449-029	0449-HCN	iDPx
QLogic 12800-180 QDR InfiniBand Switch Bundle	0449-022	0449-HCF	1410
QLogic 12800-360 QDR InfiniBand Switch Bundle	0449-023	0449-HCG	1410
QLogic 12200 Management Module	68Y6995	0449-HCC/HCD/HCM/HCN	-
QLogic 12800 Management Module	49Y8543	0449-HCF/HCG	-
QLogic 12800 QDR Single Spine Module	0449-024	0449-HCF/HCG	-
QLogic 12800 QDR Double Spine Module	0449-025	0449-HCF/HCG	-
QLogic 12800 18-port 4X QDR Ultra-HP InfiniBand Leaf Module	0449-027	0449-HCF/HCG	-
QLogic 12800 24-port 4X QDR Ultra-HD InfiniBand Leaf Module	0449-026	0449-HCF/HCG	-
QLogic 12800 Hot-swap Power Supply	49Y8504	0449-HCF/HCG	-

Table 17 LG-Ericsson (SMC) Switches

LG-Ericsson (SMC) Switches	MTM/Option	XCC	Rack
LG-Ericsson ES-5048XG Switch (PSE)	4668-020	4668-HC9	1410
LG-Ericsson ES-4550G Switch (SE)	4668-022	4668-HCB	1410
LG-Ericsson 350w Power Supply with Intake Fan	81Y8137	4668-HC9	-
LG-Ericsson Rack Mount Kit 3	81Y8141	4668-HCB	-
LG-Ericsson Rack Mount Kit 9	81Y8143	4668-HC9	-
SMC 8126L2 26-port GbE Switch Bundle	4668-017	4668-HC6	1410/iDPx
SMC 8150L2 50-port GbE Switch Bundle	4668-018	4668-HC7	1410/iDPx
SMC RPU14 Redundant Power Unit Bundle	4668-019	4668-HC8	1410/iDPx
SMC Single-port 10Gb Uplink Module	40K9165	4668-HC3	-
SMC Rack Mount Kits for iDataPlex	46C5045	4668-HC3/HC4	-
SMC Rack Mount Kit 5 (1410 Rack)	46M2189	4668-HC6/HC7	-
SMC Rack Mount Kit 6 (iDPx Rack)	46M2181	4668-	-

		HC6/HC7	
SMC Rack Mount Kit 7 (1410 Rack)	49Y8562	4668-HC8	-
SMC Rack Mount Kit 8 (iDPx Rack)	49Y8566	4668-HC8	-

Table 18 Tyco Patch Panel

Voltaire Switches	MTM/Option	XCC	Rack
Tyco 48-port 1Gb Ethernet Angled Patch Panel	0564-010	0564-HC3	1410

Table 19 Voltaire Switches

Voltaire Switches	MTM/Option	XCC	Rack
Voltaire 4036 for 1410 36-port Managed QDR IB Switch Bundle	4669-032	4669-HCN	1410
Voltaire 4036 for iDPx 36-port Managed QDR IB Switch Bundle	4669-033	4669-HCP	iDPx
Voltaire 4700 for 1410 Switch Bundle	4669-034	4669-HCQ	1410
Voltaire 8500 for 1410 Switch Bundle	4669-037	4669-HCT	1410
Voltaire 4200 Switch Bundle	4669-041	4669-HCX	1410
Voltaire 4036E Switch (PSE)	4669-042	4669-HCY	1410
Voltaire 4036E Switch (oPSE)	4669-043	4669-HCZ	iDPX
Voltaire 4036E-LM Switch (PSE)	4669-044	4669-HD1	1410
Voltaire 4036E-LM Switch (oPSE)	4669-045	4669-HD2	iDPX
Voltaire SMB-E Management Module	4669-040	4669-HCW	-
Voltaire SMB-CM Management Board	49Y0474	4669-HCQ/HCX	-
Voltaire sFB-4200 Vertical Fabric Board	81Y8069	4669-HCX	-
Voltaire sFB-4700 Switch Fabric Board	49Y0470	4669-HCQ	-
Voltaire sFB-4700-X2 Hyperscale Fabric Board	4669-036	4669-HCS	-
Voltaire sFB-8500 Fabric Board	4669-039	4669-HCV	-
Voltaire sLB-1024 24-Port 10GbE Line Board	4669-038	4669-HCU	-
Voltaire sLB-4018 18-port QDR IB Line Board	4669-035	4669-HCR	-
Voltaire 350w Power Supply	49Y0476	4669-HCN/HCP	-
Voltaire 1400w sPSU-S Power Supply	49Y0478	4669-HCQ/HCT/HCX	-

Table 20 Juniper Switches

Juniper Switches	MTM/Option	XCC	Rack
IBM Ethernet Switch J16E Bundle	0719-013	0719-HC5	1410
IBM Ethernet Switch J08E Bundle	0719-012	0719-HC4	-
48-port 1GbE RJ-45 Line Card	0719-014	0719-HC4/HC5	-
8-port 10 GbE SFP+ Line Card	0719-015	0719-HC4/HC5	-
IBM J08E Air Baffle Hardware Kit for 1410	81Y1632	0719-HC4	-
IBM J16E Air Baffle Hardware Kit for 1410	81Y1634	0719-HC5	-
IBM J48E Rack Mount for iDPx Rack	81Y1463	E48	-

External storage

This section provides a list of the supported storage servers, storage expansion units, storage switches and their part numbers.

Table 21 Storage Servers

Storage Servers	MTM	Rack
DS5100 Storage Controller	181851A	1410
DS5300 Storage Controller	181853A	1410
IBM System Storage DS3950 Model 94	181494A	1410
IBM System Storage DS3950 Model 98	181498A	1410
IBM System Storage DS3512 Express Single Controller Storage System	1746C2A	1410
IBM System Storage DS3512 Express Dual Controller Storage System	1746C2A	1410
IBM System Storage DS3524 Express Single Controller Storage System	1746C4A	1410
IBM System Storage DS3524 Express Dual Controller Storage System	1746C4A	1410

Table 22 Storage Expansion Units

Storage Expansion Units	MTM	Rack
DS4000 EXP810 Storage Expansion Unit	181281H	1410
EXP5000 Storage Expansion Unit	1818D1A	1410
IBM System Storage EXP3512 Express Storage Expansion Unit	1746E2A	1410
IBM System Storage EXP3524 Express Storage Expansion Unit	1746E4A	1410
IBM System Storage EXP395 Expansion Unit	181492A	1410
EXP520 Expansion Unit	181452A	1410
IBM System Storage EXP2512 Express Storage Enclosure	174712X	1410
IBM System Storage EXP2524 Express Storage Enclosure	174724X	1410

Table 23 SAN Switches

SAN Switches	MTM	Rack
IBM System Storage SAN24B-4 Express	249824E	1410
IBM System Storage SAN40B-4	249840E	1410

Cable connectivity

This section provides a list of the supported cables, transceivers and their part numbers.

Table 24 CAT5E Ethernet Cables

CAT5E Ethernet Cables	Option
IntraRack CAT5E Cable Service	02R2271
0.6m Blue CAT5E Cable	40K5679
0.6m Green CAT5E Cable	40K5563
0.6m Yellow CAT5E Cable	40K8933
1.5m Blue CAT5E Cable	40K8785
1.5m Green CAT5E Cable	40K5643
1.5m Yellow CAT5E Cable	40K8951
3m Blue CAT5E Cable	40K5581
3m Green CAT5E Cable	40K5793
3m Yellow CAT5E Cable	40K8957
10m Blue CAT5E Cable	40K8927
10m Green CAT5E Cable	40K5794
10m Yellow CAT5E Cable	40K8801
25m Blue CAT5E Cable	40K8930
25m Green CAT5E Cable	40K8869
25m Yellow CAT5E Cable	40K8807

Table 25 CAT6E Ethernet Cables

CAT6E Ethernet Cables	Option
IntraRack CAT6E Cable Service	90Y3713
10m CAT6 Yellow Cable	90Y3715
10m CAT6 Green Cable	90Y3718
10m CAT6 Blue Cable	90Y3721
25m CAT6 Yellow Cable	90Y3724
25m CAT6 Green Cable	90Y3727
25m CAT6 Blue Cable	90Y3730

Table 26 Optical Cables (Ethernet and/or InfiniBand)

Optical Cables	Option
0.2m LC(female) - SC(male) Fiber Cable	44R8701
3m QLogic Optical QDR InfiniBand QSFP Cable	59Y1920

10m QLogic Optical QDR InfiniBand QSFP Cable	59Y1924
30m QLogic Optical QDR InfiniBand QSFP Cable	59Y1928
3m IBM Optical QDR InfiniBand QSFP Cable	49Y0488
10m IBM Optical QDR InfiniBand QSFP Cable	49Y0491
30m IBM Optical QDR InfiniBand QSFP Cable	49Y0494
1.2m Voltaire Copper 12X CXP-to-12X CXP Cable	68Y6931
4m Voltaire Copper 12X CXP-to-12X CXP Cable	68Y6943
4m Voltaire Copper 12X CXP-to-3 QSFP Breakout Cable	68Y6971
10m Voltaire Optical 12X CXP-to-12X CXP Cable	68Y6955
10m Voltaire Optical 12X CXP-to-3 QSFP Breakout Cable	68Y6979

Table 27 Copper InfiniBand and/or 10GbE Cables

Copper InfiniBand and/or 10GbE Cables	Option
1m Mellanox Copper Cable for 4X IB and 10GbE	46D0162
3m Mellanox Copper Cable for 4X IB and 10GbE	46D0166
5m Mellanox Copper Cable for 4X IB and 10GbE	46D0170
8m Mellanox Copper Cable for 4X IB and 10GbE	46D0174
0.5m QLogic Copper QDR InfiniBand QSFP 30AWG Cable	59Y1892
1m QLogic Copper QDR InfiniBand QSFP 30AWG Cable	59Y1896
3m QLogic Copper QDR InfiniBand QSFP 28AWG Cable	59Y1900

Table 28 Direct Attach Copper (DAC) Cables (Ethernet)

DAC Ethernet Cables	Option
0.5m Molex Direct Attach Copper SFP+ Cable	59Y1932
1m Molex Direct Attach Copper SFP+ Cable	59Y1936
3m Molex Direct Attach Copper SFP+ Cable	59Y1940
7m Molex Direct Attach Copper SFP+ Cable	59Y1944
1m Juniper DAC SFP+ Cable	68Y6927
3m Juniper DAC SFP+ Cable	68Y6947
7m Juniper DAC SFP+ Cable	68Y6999

Table 29 Other Networking Cables

Other Networking Cables	Option
3m Tyco Straight MRJ21-to-Angled MRJ21 Cable	44E9046
10m Tyco Straight MRJ21-to-Angled MRJ21 Cable	44E9051
30m Tyco Straight MRJ21-to-Angled MRJ21 Cable	44E9066

Table 30 Cisco StackWise Cables

StackWise Cables	Option
1m Cisco StackWise Cable	81Y1643
3m Cisco StackWise Cable	81Y1647

Table 31 Transceivers/Other

Transceivers/Other	Option
Force10 10Gb XFP SR Optics Module	40K8890
Force10 XFP-to-CX4 Transceiver	46C5043
BLADE 1000BASE-T (RJ45) SFP Transceiver	81Y1618
BLADE 1000BASE-SX SFP Transceiver	81Y1622
Juniper SFP+ SR 10GbE Transceiver	68Y6923
IBM 10GbE SW SFP+ Transceiver	49Y8578
Cisco 10GBASE-SR X2 Module	44E9078
Cisco 1000BASE-SX SFP Module	44E9088
Cyclades RJ45(F)-to-DB9(F) Serial Cable Adapter	40K5798
Cyclades RJ45(F)-to-RJ45(M) Serial Cable Adapter for BladeCenter	42D1363
Voltaire Hyperscale Cable Management Kit	49Y0484

Rack options

This section provides the supported rack cabinet and a list of the supported keyboard, video and mouse (KVM) switches, front-end power distribution units (PDUs), rack cabinet PDUs and their part numbers.

Table 32 Rack Cabinets

Rack Cabinets	MTM
e1350 42U Rack Cabinet	1410-4RX
e1350 25U Rack Cabinet	1410-2RX
Intelligent Cluster 42U 1200mm Deep Primary Rack ¹	1410-PRA
Intelligent Cluster 42U 1200mm Deep Expansion Rack ²	1410-ERA

Footnotes:

- This rack (1410-PRA) is the same rack as 9360-4PX and uses the 9360-4PX FRUs

6. This rack (1410-ERA) is the same rack as 9360-4EX and uses the 9360-4EX FRUs

Table 33 KVM Switches

KVM Switches	MTM (XCC)	MTM (HVEC)
IBM Local 1X8 Console Manager (LCM8)	1754-HC3	
IBM Local 2X16 Console Manager (LCM16)	1754-HC4	
IBM Global 2X2X16 Console Manager (GCM16)	1754-HC1	
IBM Global 4X2X32 Console Manager (GCM32)	1754-HC2	

Table 34 Enterprise PDUs for the 1410 Rack

Enterprise PDUs for the 1410 Rack	Option
DPI C19 Enterprise PDU (WW)	39Y8948
DPI Single-phase 63A/230V C19 Enterprise PDU (International)	39Y8948
DPI Three-phase 32A/380-415V C19 Enterprise PDU (International)	39Y8948
DPI Single-phase 32A/230V C19 Enterprise PDU (Aus/NZ)	39Y8948
DPI Three-phase 60A/208V C19 Enterprise PDU (US)	39Y8923
DPI Single-phase 30A/208V C19 Enterprise PDU (US)	39Y8948
DPI Single-phase 32A/230V C19 Enterprise PDU (International)	39Y8948
DPI Single-phase 30A/250V C19 Enterprise PDU (S Korea)	39Y8948
DPI Single-phase 30A/208V C13 Enterprise PDU (US)	39Y8941
DPI Single-phase 60A/208V C13 Enterprise PDU (US)	39Y8941
Ultra Density Enterprise C19/C13 PDU Module (WW) with 4.3m, 30A/208V, EPDU to NEMA L6-30P (US) Line Cord	71762NX
Ultra Density Enterprise C19/C13 PDU Module (WW) with 4.3m, 60A/208V, EPDU to IEC 309 2P+G (US) Line Cord	71762NX
Ultra Density Enterprise C19/C13 PDU+ Module (WW) with 4.3m, 30A/208V, EPDU to NEMA L6-30P (US) Line Cord	71762MX
Ultra Density Enterprise C19/C13 PDU 60A/208V/3ph (US)	71763NU
Ultra Density Enterprise C19/C13 PDU+ 60A/208V/3ph (US)	71763MU
Ultra Density Enterprise C19/C13 PDU Module (WW) with 4.3m, 32A/230V, EPDU to IEC 309 P+N+G (non-US) Line Cord	71762NX
Ultra Density Enterprise C19/C13 PDU Module (WW) with 4.3m, 63A/230V, EPDU to IEC 309 P+N+G (non-US) Line Cord	71762NX
Ultra Density Enterprise PDU Module (WW) with 4.3m, 32A/380-415V, EPDU/IEC 309 3P+N+G 3ph wye (non-US) Line Cord	71762NX
Ultra Density Enterprise PDU Module (WW) with 4.3m, 32A/230V, EPDU to AS/NZS 3112 (Aus/NZ) Line Cord	71762NX
Ultra Density Enterprise PDU Module (WW) with 4.3m, 30A/250V, EPDU to KSC 8305 (S. Korea) Line Cord	71762NX
Ultra Density Enterprise C19/C13 PDU+ Module (WW) with 4.3m, 60A/208V, EPDU to IEC 309 2P+G (US) Line Cord	71762MX

Ultra Density Enterprise C19/C13 PDU+ Module (WW) with 4.3m, 32A/230V, EPDU to IEC 309 P+N+G (non-US) Line Cord	71762MX
Ultra Density Enterprise C19/C13 PDU+ Module (WW) with 4.3m, 63A/230V, EPDU to IEC 309 P+N+G (non-US) Line Cord	71762MX
Ultra Density Enterprise C19/C13 PDU+ Module (WW) with 4.3m, 32A/380-415V, EPDU/IEC 309 3P+N+G 3ph wye (non-US) Line Cord	71762MX
Ultra Density Enterprise C19/C13 PDU+ Module (WW) with 4.3m, 32A/230V, EPDU to AS/NZS 3112 (Aus/NZ) Line Cord	71762MX
Ultra Density Enterprise C19/C13 PDU+ Module (WW) with 4.3m, 30A/250V, EPDU to KSC 8305 (S. Korea) Line Cord	71762MX
IBM Ultra Density Enterprise C19/C13 PDU+ Module (WW) with 4.3m, 32A/380-415V, EPDU/IEC 309 3P+N+G 3ph wye (non-US) Line Cord	71762MX
Enterprise C13 PDU Module (WW)	39Y8941
DPI Single-phase 32A/230V C13 Enterprise PDU (International)	39Y8941
DPI Single-phase 63A/230V C13 Enterprise PDU (International)	39Y8941
DPI Three-phase 32A/380-415V C13 Enterprise PDU (International)	39Y8941
DPI Single-phase 32A/230V C13 Enterprise PDU (Aus/NZ)	39Y8941
DPI Single-phase 30A/250V C13 Enterprise PDU (S Korea)	39Y8941

Table 35 Rack PDUs for the 1410 Rack

Rack Cabinet PDUs	MTM/Option/FC
DPI Universal Rack PDU w/Nema L5-20P & L6-20P U.S. Line Cord	39Y8951
DPI Universal Rack PDU with GB 2099.1 (China line cord)	39Y8959
DPI Universal Rack PDU with SI32 (Israel line cord)	39Y8954
DPI Universal Rack PDU with 3112 (Australia/New Zealand line cord)	39Y8958
DPI Universal Rack PDU with IRAM 2073 (Argentina line cord)	39Y8962
DPI Universal Rack PDU with CEI 23-16 (Italy line cord)	39Y8955
DPI Universal Rack PDU with SABS 164 (South Africa line cord)	39Y8956
DPI Universal Rack PDU with BS 1363/A (UK line cord)	39Y8957
DPI Universal Rack PDU with IS 6538 (India line cord)	39Y8961
DPI Universal Rack PDU w/Nema L5-20P & L6-20P U.S. Line Cord	39Y8952
DPI Universal Rack PDU (Europe)	39Y8952
DPI Universal Rack PDU with IEC 309 2-pin and ground (Denmark line cord)	39Y8953
DPI Universal Rack PDU with C19/C20	41Y9221
DPI Universal Rack PDU (Japan HV)	5964
DPI Universal Rack PDU (S Korea)	5965

DPI Universal Rack PDU (Taiwan HV)	5967
DPI 100-127V NEMA PDU	39Y8905
DPI Three-phase 60A/208V C19 Enterprise PDU (US)	39Y8923

Table 36 Rack 7825 Cabinet PDUs

Rack 7825 Cabinet PDUs	Option
iDPx Single-phase 30A/208V Enterprise C13 PDU (US)	43V6061
iDPx Single-phase 30A/208V Enterprise C13 PDU+ (US)	43V6065
iDPx Three-phase 60A/208V Enterprise C13 PDU+ (US)	39M2817
iDPx Three-phase 32A/380-415V Enterprise C13 PDU (Int'l)	43V6062
iDPx Three-phase 32A/380-415V Enterprise C13 PDU+ (Int'l)	43V6066
iDPx Single-phase 32A/230V Enterprise C13 PDU (Aus/NZ)	43V6063
iDPx Single-phase 32A/230V Enterprise C13 PDU+ (Aus/NZ)	43V6067
iDPx Single-phase 30A/250V Enterprise C13 PDU (S Korea)	43V6064
iDPx Single-phase 30A/250V Enterprise C13 PDU+ (S Korea)	43V6068

Appendix (FRUs)

This appendix contains a list of the OEM Parts and their corresponding FRU part numbers, along with the release name. In addition, this section also contains Tiers. The Tiers are listed under the Category Level column (please see Legend Table below for Category Level and their descriptions)

For Chassis FRU Replacement Instructions/Documentations Please go to the enclosed Intelligent Cluster 11B Documentation web link. http://www-947.ibm.com/support/entry/portal/Documentation/Hardware/Systems/System_x_Integrated_Solutions/Intelligent_Cluster?lnk=mhsd

Legend Table

Category Level	Symbol	Description
Tier 1 CRU	T1	mandatory CRU
Tier 2 CRU	T2	optional CRU
FRU 1	FRU	Requires 2 people and 2 lift tools
FRU 2	FRU 2	Requires 2 people and 1 lift tool
FRU 3	FRU 3	Requires 1 CE ladders, 1 lift tool, 2 people

Table 1 Avocent Service Processor Management Devices

Avocent	FRU	Option	Release	HVEC	XCC	Category Level
Avocent RJ45(m)-To-RJ45(f) Custom Serial Adapter	46M2169	-	Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	-	-	

Table 2 BLADE Ethernet Switches

BLADE Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
BNT RackSwitch G8000F 48-port GbE Switch Bundle	-	-	iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- BNT Rack Mount Kit for iDataPlex	46C3427	-	iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446-014 /016 /018	0446-HC4 / HC6 / HC8	

- 3m BNT Mini-USB to DB9 Serial Cable	46D0180	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, 8C, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446-013/014/017/018	0446-HC3/H C4 /HC7 /HC8	
- BNT RackSwitch G8000F Chassis	46C3407	-	iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446-014	0446-HC4	
BNT RackSwitch G8000R 48-port GbE Switch Bundle			Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
- BNT Horizontal Rack Mount Kit for 1410	46C3425	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0446-013/015/017	0446-HC3/H C5 /HC7	
- 3m BNT Mini-USB to DB9 Serial Cable	46D0180	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446-013/014/017/018	0446-HC3/H C4 /HC7 /HC8	
- BNT RackSwitch G8000R Chassis	46C3403	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0446-013	0446-HC3	
BNT RackSwitch G8100F 24-port 10GbE Switch			iDPX Ph1, iDPX Ph1.5,			

Bundle			iDPX Ph1.7, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
- BNT Rack Mount Kit for iDataPlex	46C3427	-	iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446-014 /016 /018	0446-HC4 / HC6 / HC8	
- BNT RackSwitch G8100F Chassis	46C3415	-	iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446-016	0446-HC6	
BNT RackSwitch G8100R 24-port 10GbE Switch Bundle			Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B			
- BNT Horizontal Rack Mount Kit for 1410	46C3425		Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0446-013/015/017	0446-HC3/H C5 /HC7	
- BNT RackSwitch G8100R Chassis	46C3411	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0446-015	0446-HC5	
BLADE G8124F (iDPx) 24-port 10GbE Switch Bundle			9A, 9AW, 9B			
- BNT Rack Mount Kit for iDataPlex	46C3427	-	iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446-014 /016 /018	0446-HC4 / HC6 / HC8	
- 3m BNT Mini-USB to DB9 Serial Cable	46D0180	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08,	0446-013/014/017/018	0446-HC3/H C4 /HC7 /HC8	

			iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
BLADE G8124R 24-port 10GbE Switch Bundle			9A, 9AW, 9B			
- BNT Horizontal Rack Mount Kit for 1410	46C3425	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0446- 013/015/ 017	0446- HC3/H C5 /HC7	
- 3m BNT Mini-USB to DB9 Serial Cable	46D0180	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0446- 013/014/ 017/018	0446- HC3/H C4 /HC7 /HC8	
- BLADE G8124R 24-port 10GbE Chassis	46M2193	-	9A, 9AW, 9B	0446- 017	0446- HC7	
BNT RackSwitch G8000 Dual-port SFP+ XGE Uplink Module	46C3419	46C3417	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0446- 013/014	0446- HC3/H C4	
BNT RackSwitch G8000 Dual-port CX4 XGE Uplink Module	46C3423	46C3421	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, iDPX.8Ci, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0446- 013/014	0446- HC3/H C4	

BNT SFP+ Transceiver	46C3449	46C3447	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0446- 013/014/ 015/016/ 017/018	0446- HC3/H C4/HC 5/HC6 /HC7/ HC8	
BLADE 1000BASE-T (RJ45) SFP Transceiver	81Y1620	81Y1618	10A, 10B, 11A, 11B	0446- 013/017/ 018	0446- HC3/H C7/HC 8	
BLADE 1000BASE-SX SFP Transceiver	81Y1624	81Y1622	10A, 10B, 11A, 11B	0446- 013/017/ 018	0446- HC3/H C7/HC 8	

Table 3 Brocade Ethernet Switches

Brocade Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
IBM Ethernet Switch B24X Bundle	-	-	9B	-	-	
- Turbolron 24X-AC Chassis	69Y0303	-	9B	0563-012	0563-HC5	
- TI-24X Triple Fan Assembly	69Y0305	-	9B	0563-012	0563-HC5	
- B24X 300w Power Supply	69Y0307	69Y0373	9B	0563-012	0563-HC5	
IBM Ethernet Switch B50C Bundle	-	-	9B, 10A, 10B	-	-	
- NetIron CES 2048CX-AC Chassis	69Y0290	-	9B, 10A, 10B	0563-010	0563-HC3	
- B50C 500w Power Supply	69Y0292	69Y0365	9B, 10A, 10B	0563-010	0563-HC3	
- iDPx Rack Mount Rear Support	69Y0407	-	9B, 10A, 10B	0563-010	0563-HC3	
- NI-CES2000 Fan Module	46M2233	-	9B, 10A, 10B	0563-	0563-	

				010	HC3	
IBM Ethernet Switch B08R Bundle	-	-	9B, 10A, 10B	-	-	
- BigIron RX-8-AC Switch Chassis	69Y0312	-	9B, 10A, 10B	0563-013	0563-HC6	
- Fan Assembly (8-slot Chassis)	69Y0314	-	9B, 10A, 10B	0563-013	0563-HC6	
- 1200w Power Supply (8/16-slot Chassis)	69Y0320	69Y0447	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Management Module Blank Panel	69Y0322	-	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Power Supply Blank Panel (8/16-slot Chassis)	69Y0328	-	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- 1410 Rack Mount Shelf/Duct Kit (8-slot Chassis)	69Y0330	-	9B, 10A, 10B	0563-013	0563-HC6	
- 512MB Mgmt Module (4/8/16-slot Chassis)	69Y0316	69Y0425	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Switch Fabric Module (8/16-slot Chassis)	69Y0318	69Y0429	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Switch Fabric Module (8/16-slot Chassis) Blank Panel	69Y0324	-	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Line Board Blank Panel	69Y0326	-	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
IBM Ethernet Switch B16R Bundle	-	-	9B	-	-	
- 1200w Power Supply (8/16-slot Chassis)	69Y0320	69Y0447	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Management Module Blank Panel	69Y0322		9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Power Supply Blank Panel (8/16-slot Chassis)	69Y0328	-	9B, 10A, 10B	-	-	
- Exhaust Fan Assembly (16-slot Chassis)	69Y0340	-	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	

- 1410 Rack Mount kit (16-slot Chassis)	69Y0342	-	9B, 10A, 10B	0563-014	0563-HC7	
- 512MB Mgmt Module (4/8/16-slot Chassis)	69Y0316	69Y0425	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Switch Fabric Module (8/16-slot Chassis)	69Y0318	69Y0429	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Switch Fabric Module (8/16-slot Chassis) Blank Panel	69Y0324	-	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- Line Board Blank Panel	69Y0326	-	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
- BigIron RX-16-AC Switch Chassis	69Y0336	-	9B, 10A, 10B	0563-014	0563-HC7	
- Intake Fan Assembly (16-slot Chassis)	69Y0338	-	9B, 10A, 10B	0563-014	0563-HC7	
- Cable Management Comb	69Y0367	-	9B, 10A, 10B	0563-014	0563-HC7	
B50C 500w Power Supply	69Y0292	69Y0365	9B, 10A, 10B	0563-010	0563-HC3	
B24X 300w Power Supply	69Y0307	69Y0373	9B	0563-012	0563-HC5	
24-port 1GbE (RJ45) Module	69Y0433	69Y0431	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
48-port 1GbE (MRJ21) Module	69Y0437	-	9B, 10A, 10B	0563-017	0563-HCA	
4-port 10GbE (XFP) Module	69Y0441	-	9B, 10A, 10B	0563-018	0563-HCB	
SFP+ Transceiver 10GbE SR 300m MMF	69Y0391	69Y0389	9B, 10A, 10B	0563-012/013/014/022/023	0563-HC5/H C6/H C7/HCF /HCG	
512MB Mgmt Module (4/8/16-slot Chassis)	69Y0316	69Y0425	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
Switch Fabric Module (8/16-slot Chassis)	69Y0318	69Y0429	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
1200w Power Supply (8/16-slot Chassis)	69Y0320	69Y0447	9B, 10A, 10B	0563-013/014	0563-HC6/H C7	
16-port 10GbE (SFP+)	69Y0445	-	9B, 10A, 10B	0563-	0563-	

Module				019	HCC	
XFP Transceiver 850nm MMF (300m)	69Y0379	69Y0377	9B, 10A, 10B	0563-010/013/014	0563-HC3/H C6/HC 7	
XFP-to-CX4 Transceiver (15m)	69Y0383	69Y0381	9B, 10A, 10B	0563-010/013/014	0563-HC3/H C6/HC 7	
Brocade VA-40FC for 1410 San Switch Bundle	-	-	10A, 10B, 11A	-	-	
- Brocade VA-40FC for 1410 Chassis	81Y1437	-	10A, 10B, 11A	0563-024	0563-HCH	
- Brocade 1410 Rack Mount Kit, Fixed	81Y1409	-	10A, 10B, 11A	0563-024	0563-HCH	
- Brocade VA-40FC 150w PSU/Fan (Intake) Module	81Y1439	-	10A, 10B, 11A	0563-024	0563-HCH	
- Brocade 8Gb SW SFP Transceiver	81Y1441	-	10A, 10B, 11A	0563-024/025	0563-HCH/HCJ	
Brocade VA-40FC for iDPx San Switch Bundle			10A, 10B, 11A			
- Brocade iDPx Rack Mount Kit (24")	81Y1422	-	10A, 10B, 11A	0563-025	0563-HCJ	
- Brocade VA-40FC for iDPx Chassis	81Y1447	-	10A, 10B, 11A	0563-025	0563-HCJ	
- Brocade VA-40FC 150w PSU/Fan (Exhaust) Module	81Y1449	-	10A, 10B, 11A	0563-025	0563-HCJ	

Table 4 Chelsio

Chelsio Adapters	FRU	Option	Release	HVEC	XCC	Category Level
Chelsio Single-port, CX4, 10GbE, PCI-E x8 Adapter	46M1815	46M1813	Phase.3, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	3331-HC2	
Chelsio 10GbE Expansion Card (CFFh) for IBM BladeCenter	46M1819	46M1817	Phase.3, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	-	3331-HC2	
Chelsio S310E Single-port 10GbE PCI-E 2.0 x8 Adapter	59Y1954	59Y1952	iDPX.Sep08, iDPX.8Ci, 9B, 10A, 10B, 11A	-	3331-HC2	

Chelsio Single-port, SFP+, 10GbE, PCI-E x8 Adapter	46M1811	46M1809	Phase.3, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	3331-HC2	
Chelsio S320E Dual-port 10GbE PCI-E 2.0 x8 Adapter	59Y1958	59Y1956	iDPX.Sep08, iDPX.8Ci, 9B, 10A, 10B, 11A	-	3331-HC2	
Chelsio T420-CR Dual-port (SFP+) 10GbE PCI-E 2.0 Adapter	46M2239	46M2237	11A, 11B	-		T1
Chelsio T420-SO-CR Dual-port (SFP+) 10GbE PCI-E 2.0 Adapter	81Y8023	81Y8021	11A, 11B	-		T1
Chelsio T440-CR Quad-port (SFP+) 10GbE PCI-E 2.0 Adapter	46M2243	46M2241	11A, 11B	-		T1
Chelsio T420-BCH Dual-port 10GbE CFFh Expansion Card	46M2247	46M2245	11A, 11B	-		T1

Table 5 Cisco Ethernet Switches

Cisco Ethernet Switches	FRU	Option	Release	HVEC	XCC	Category Level
Cisco 2960G 48-port Ethernet Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- Cisco Rack Mount Brackets for Compact Switches	44E9058		July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPXPH1.5, iDPX Ph1.5, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08,	4670-032/017	4670-HCG/HC3	

			8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A			
- Cisco 2960G 48-port HPC-E GBM	46D0104	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4670-032	4670-HCG	
Cisco 3560-E 48-port Ethernet Switch Bundle	-	-	Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	-	-	
- Cisco 3750E/3560E 265w Power Supply	46M1841	-	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4670-048	4670-HCY	
- Cisco 3750E/3560E Fan Module	46M1843	-	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4670-048	4670-HCY	
- Cisco 3560-E 48-port Ethernet Switch Chassis	49Y0415	-	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4670-048	4670-HCY	
- Cisco X2 Twin GbE (SFP) Converter Module	49Y0432	-	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4670-048	4670-HCY	
Cisco HPC-E 3750G-48TS Ethernet Switch bundle	-	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPXPH1.5, iDPX Ph1.5, Jan.08, April.08, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-	-	-	

			I, 9A, 9AW, 9B			
- 3750G HPC-E	40K9126	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPXPH1.5, iDPX Ph1.5, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4670- 017	4670- HC3	
- Cisco StackWise 50CM Stacking Cable	40K9122	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPXPH1.5, iDPX Ph1.5, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10, 10B, 11A	4670- 017/051	4670- HC3/H D2	T1

Cisco 4900M Ethernet Switch Bundle	-	-	Phase.3, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- Cisco 4900M Switch Chassis	49Y0403	-	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4670-045	4670-HCV	
- Cisco 4900M 1000w AC Power Supply	49Y0406	-	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4670-045	4670-HCV	
- Cisco 4900M Rack Mount Kit	49Y0409	-	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4670-045	4670-HCV	
Cisco 4948 48-port Ethernet Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	-	-	
- Cisco C49xx Front and Rear Rack Mount Brackets	44E9085	-	July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPXPH1.5, iDPX Ph1.5, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670-033	4670-HCH	
- Cisco 4948 300-Watt AC Power Supply	44E9083	-	July.07, Phase.3,	4670-033	4670-HCH	

			August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B			
- Cisco 4948 48-port Ethernet Switch	46D0109	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B, 10A, 10B	4670- 033	4670- HCH	
Cisco 6509-E Ethernet Switch Enclosure Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B, 10A, 10B	-	-	
- Cisco 6509-E Rack Mount Kit	44R8704	-	July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B, 10A, 10B	4670- 035	4670- HCK	
- Catalyst 6500 6000w AC Power Supply	40K9189	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07,	4670- 035	4670- HCK	

			June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B, 10A, 10B			
- Catalyst 6509-E Chassis Fan Tray	41Y4494	-	6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B, 10A, 10B	4670- 035	4670- HCK	
- Cisco 6509-E Switch Chassis	41Y4486	-	6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08,	4670- 035	4670- HCK	

			Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B, 10A, 10B			
Cisco HPC-E Supervisor 720 Bundle	-	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Cisco SUP720 HPC-E GBM	46D0119	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	4670- 037	4670- HCM	
Cisco X6148A 48-port GbE Line Card Bundle	-	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	-	-	
- Cisco X6148A 48-port GbE Line Card Bundle	46D0125	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670- 038	4670- HCN	
Cisco HPC-E X6708 DFC3C 8-port 10GbE Line Card Bundle	-	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Cisco X6708 DFC HPC- E GBM	46D0130	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	4670- 039	4670- HCP	

Cisco HPC-E X6748 DFC3C 48-port GbE Line Card Bundle	-	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Cisco X6748 DFC HPC-E GBM	46D0140	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	4670-041	4670-HCR	
Cisco X4904 4-port 10GbE Line Card Bundle	-	-	Phase.3, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- Cisco X4904 4-port 10GbE Line Card	46M1835	46M1833	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4670-045	4670-HCV	
Cisco X4908 8-port 10GbE Line Card Bundle	-	-	Phase.3, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- Cisco X4908 8-port 10GbE Line Card	46M1831	46M1829	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4670-045	4670-HCV	
Cisco X4920 20-port 1GbE Line Card Bundle	-	-	Phase.3, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- Cisco X4920 20-port 1GbE Line Card	46M1827	46M1825	Phase.3, 8C, iDPX.8Ci, 8D-I, 9A, 9AW,	4670-045	4670-HCV	

			9B, 10A, 10B, 11A			
Cisco 10GBASE-SR XENPAK Module	40K5597	40K5598	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670- 034/035	4670- HCJ/H CK	
Cisco 1000BASE-SX GBIC Module	40K5601	40K5603	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670- 021/016	4670- HC6/H C8	

Cisco 1000BASE-T GBIC Module	40K5605	40K5607	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670-021/016	4670-HC6/H C8	
Cisco 6748 (CFC) Fabric Enabled 48-port Gb Ethernet Line Card	40K8813	40K8914	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670-018/034/035	4670-HC4/H CJ/H C K	
Cisco 1000BASE-SX SFP Module	44E9086	44E9088	July.07, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07,	4670-017/030/032/033/034/035/048	4670-HC3/H CE/H CG/H CH/H CJ/H C K/H C Y	

			Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A			
Cisco 10GBASE-SR X2 Module	44E9077	44E9078	July.07, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	4670- 031/034/ 035/045/ 048	4670- HCF/ HCJ/H CK/H CV/H CY	
Cisco X6716 16-port 10GbE DFC Line Card	46M1839	-	Phase.3, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B	4670- 046	4670- HCW	
- Cisco 4948E Switch (oPSE) Chassis	81Y8170	-	11A, 11B	4670- 050	4670- HD1	
- - Cisco 4948E Exhaust Fan Module	81Y8174		11A	4670- 050	4670- HD1	
- - Cisco C49E 300w Exhaust AC Power Supply'	81Y8172	81Y8185	11A	4670- 050	4670- HD1	T1
Cisco C3K-X-350w AC Power Supply	81Y8180	81Y8187	11A	4670- 051	4670- HD2	T1
Cisco 10GbE (SFP+) Uplink Module	81Y8191	81Y8189	11A, 11B	4670- 051	4670- HD2	T1
1m Cisco StackWise Cable	81Y1645	81Y1643	11A, 11B	4670- 051	4670- HD2	T1
3m Cisco StackWise	81Y1649	81Y1647	11A, 11B	4670-	4670-	T1

Cable				051	HD2	
Cisco 3750-X Switch (oPSE)	81Y8178		11A	4670-051	4670-HD2	T1
Cisco 3K-X Exhaust Fan Module	81Y8182		11A	4670-051	4670-HD2	T1

Table 6 Cyclades Terminal Servers

Cyclades Terminal Servers	FRU	Option	Release	HVEC	XCC	Category Level
Cyclades ACS48 Terminal Server	40K5609	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase 3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0448-011	0448-HC4	
Cyclades RJ45(F)-to-RJ45(M) Serial Cable Adapter for BladeCenter	42D1361	42D1363	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07,	0448-012/011	0448-HC3/H C4	

			Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
Cyclades Cyclades ACS32 Terminal Server	40K9073	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0448- 012	0448- HC3	
Cyclades RJ45(F)-to- DB9(F) Serial Cable Adapter	40K5796	40K5798	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A,	0448- 012/011	0448- HC3/H C4	

			10B, 11A, 11B			
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Table 7 DDN

DDN Switches	FRU	Option	Release	HVEC	XCC	Category Level
- DDN Fibre Channel Based SFA10000 Storage Controller	95Y3979	-	11B	0750-011	0750-HC1	FRU
- - DDN SFA10000 1865w Power Supply	95Y3981	-	11B	0750-011/012	0750-HC1/H C2	T1
- - DDN SFA10000 Fan Module	95Y3983	-	11B	0750-011/012	0750-HC1/H C2	T1
- - 1TB DDN SATA Disk Module	95Y3985	-	11B	0750-011/012	0750-HC1/H C2	T1
- - DDN 24in Rack Mount Kit	95Y3987	-	11B	0750-011/012	0750-HC1/H C2	FRU
- - 2.5m 10a/250v C13/C14 Rack Power Cable	00D5201	-	11B	0750-011/012	0750-HC1/H C2	T1
- 1m DDN Ethernet ICL Cable	95P5305	-	11B	0750-011/012	0750-HC1/H C2	T1
- 1m DDN QSFP Copper QDR InfiniBand ICL Cable	00D5202	-	11B	0750-011/012	0750-HC1/H C2	T1
- DDN 8Gbps Fibre Channel SFP+ Transceiver	95Y3988	-	11B	0750-011	0750-HC1	T1
- DDN SFA10000 External Battery Backup Unit	95Y3989	-	11B	0750-011/012	0750-HC1/H C2	T1
- - DDN BBU Battery	95Y3991	-	11B	0750-011/012	0750-HC1/H C2	
- - 0.5m USB-A/B Cable	00D5204	-	11B	0750-011/012	0750-HC1/H C2	T1
- - 2.5m 10a/250v C13/C14 Rack Power	00D5201	-	11B	0750-011/012	0750-HC1/H	T1

Cable					C2	
- DDN InfiniBand Based SFA10000 Storage Controller	95Y3992	-	11B	0750-012	0750-HC2	FRU
- DDN SS7000 Disk Enclosure Chassis	95Y3993	-	11B	0750-015/018/019	0750-HC5/H C8/H C9	FRU 3
- - DDN SS7000 I/O Module	95Y3995	-	11B	0750-015/018/019	0750-HC5/H C8/H C9	T1
- - DDN SS7K 1865w Power Supply	95Y3997	-	11B	0750-015/018/019	0750-HC5/H C8/H C9	T1
- - DDN SS7K Adjustable Rail Kit	95Y3999	-	11B	0750-015/018/019	0750-HC5/H C8/H C9	FRU 3
- - DDN SS7K Cable Management Arm Kit	95Y4001	-	11B	0750-015/018/019	0750-HC5/H C8/H C9	T1
- - 2.4m 10a/250v C13/C14 Rack Power Cable	00D5206	-	11B	0750-015/018/019	0750-HC5/H C8/H C9	T1
- 3m DDN mSAS Cable	95Y4003	-	11B	0750-019	0750-HC9	T1
- DDN 45U Rack	95Y4006		11B	0750-020/021/022	0750-HCA/HCB/HCC	FRU 3
- 45U/42U Rack Tip Plate	45E0806		11B	0750-020/021/022/023/024/025	0750-HCA/HCB/HCC/HCD/HCE/HCF	T2
- 45U Rack Front Door	00D5208		11B	0750-020/021/022	0750-HCA/HCB/	T1

					HCC	
- DDN Left-side Zero U PDU for U.S.	95P5362		11B	0750-020/023	0750-HCA/HCD	T2
- DDN Right-side Zero U PDU for U.S.	95P6972		11B	0750-020/023	0750-HCA/HCD	T2
- DDN Left-side Zero U PDU for Europe	95P5363		11B	0750-021/024	0750-HCB/HCE	T2
- DDN Right-side Zero U PDU for Europe	95P6973		11B	0750-021/024	0750-HCB? HCE	T2
- DDN Zero U PDU for Australia	95Y4020		11B	0750-022/025	0750-HCC/HCF	T2
- DDN 42U Rack	95Y4005		11B	0750-023/024/025	0750-HCD/HCE/HCF	FRU 3
- 42U Rack Front Door	00D5210		11B	0750-023/024/025	0750-HCD/HCE/HCF	T1
- DDN Rack Baying Kit	95P5359	95Y4013	11B	0750	-	
- DDN Service Ladder	45E0998	90Y3701	11B	0750	-	
1TB SS7000 SATA 3.5" Hard Disk	95Y4007	95Y3511	11B	0750-015/018/019	0750-HC5/H C8/H C9	T1
3TB SS7000 SATA 3.5" Hard Disk	95Y4008	95Y3514	11B	0750-015/018/019	0750-HC5/H C8/H C9	T1
600GB SS7000 SAS 3.5" Hard Disk	95Y4009	95Y3520	11B	0750-015/018/019	0750-HC5/H C8/H C9	T1
200GB SS7000 eMLC Solid State Drive	95Y4010	95Y3526	11B	0750-015/018/019	0750-HC5/H C8/H C9	T1
400GB SS7000 eMLC Solid State Drive	95Y4011	95Y3529	11B	0750-015/018/019	0750-HC5/H C8/H C9	T1

- 3m DDN mSAS Cable	95Y4003	00D5211	11B	0750	-	T1
1U Rack Filler Plate - 45U Rack	46M7005	-	11B	0750		T1
4U Rack Filler Plate - 45U Rack	46M7006	-	11B	0750		T1

Table 8 Force10 Switches

Force10 Switches	FRU	Option	Release	HVEC	XCC	Category Level
Force10 S2410CP 24-port 10GbE Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Force10 S2410CP 24-port 10GbE Switch	46C4963	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-031	4667-HCJ	
- Force10 S2410CP Rack Mount Kit	46D0182	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-031	4667-HCJ	
Force10 C300 Ethernet Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Force10 C150/C300 Line Card Blank Panel	46C4975	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-032/033	4667-HCK/HCL	
- Force10 C300/C150 Power Module Blank Panel	46C4977	-	Phase.3, June.08, July.08,	4667-032/033	4667-HCK/HCL	

			Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B			
- Force10 C300 Ethernet Switch Chassis	46C4967	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	4667- 032	4667- HCK	
- Force10 C150/C300 1200w Power Supply	46C4973	46C4971	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667- 032/033	4667- HCK/ HCL	
- Force10 C300 Rack Mount Kit w/ Integrated Air Baffle	46C4979	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	4667- 032	4667- HCK	
- Force10 C150/C300 Switch Fabric and Route Processor Module	46C4985	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667- 034	4667- HCM	
- Force10 C150/C300 RPM Blank Panel	46D0151	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	4667- 034	4667- HCM	
Force10 C150 Ethernet Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	-	-	
- Force10 C150/C300 1200w Power Supply	46C4973	46C4971	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667- 032/033	4667- HCK/ HCL	

- Force10 C150/C300 Line Card Blank Panel	46C4975	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-032/033	4667-HCK/HCL	
- Force10 C150 Fan Subsystem	46C4993	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-034	4667-HCM	
- Force10 C150 Rack Mount Kit w/ Integrated Air Baffle	46C4995	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-034	4667-HCM	
- Force10 C300/C150 Power Module Blank Panel	46C4977	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-032/033	4667-HCK/HCL	
- Force10 C150/C300 Switch Fabric and Route Processor Module	46C4985	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-034	4667-HCM	
- Force10 C150 Ethernet Switch Chassis	46C4991	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-034	4667-HCM	
- Force10 C150/C300 RPM Blank Panel	46D0151	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-034	4667-HCM	
Force10 S50N 48-port Gb Ethernet Switch Bundle	-	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08,	-	-	

			June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B			
- Force10 S50 Rail Kit	40K5681	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667- 030	4667- HCH	
- Force10 S50 DB9 serial adapter	40K5683	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08,	4667- 030	4667- HCH	

			Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
- Force10 S50N 48-port Gb Ethernet Switch	44R9936	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667- 030	4667- HCH	
Force10 S50N 2-port 10Gb XFP-based Uplink Kit	-	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Force10 10Gb XFP SR Optics Module	40K8731	40K8890	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08,	4667- 012/029/ 010/031/ 032/033	4667- HC3/H CF/H CG/H CJ/HC K/HCL	

			April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A,11B			
- Force10 S50N 2-port 10Gb XFP-based Uplink Module	44R9940	44R9938	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667- 030	4667- HCH	
Force10 24Gb Stacking Bundle	-	-	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Force10 S50N 1-port 24Gb Stacking Module	44R9951	44R9948	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667- 030	4667- HCH	
- Force10 60cm 24Gb	44R9952	-	Phase.3, iDPX	4667-	4667-	

Stacking Cable			Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, Feb.08, Mar.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	030	HCH	
Force10 S50N Rack Mount Kit for iDataPlex	46C3439	46C3437	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	4667- 030	4667- HCH	
Force10 C300 Fan Subsystem	46C4969	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	-	-	
Force10 C150/C300 1200w Power Supply	46C4973	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667- 032/033	4667- HCK/ HCL	
Force10 XFP-to-CX4 Transceiver	44R9946	46C5043	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B, 10A, 10B, 11A	4667- 012/029/ 010/030/ 031/032/ 033	4667- HC3/H CF/H CG/H CH/H CJ/HC K/HCL	
Force10 C150/C300 Switch Fabric and Route Processor Module	46C4985	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667- 034	4667- HCM	
Force10 10Gb XFP SR	40K8731	40K8890	6A, 6B,	4667-	4667-	

Optics Module			Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	012/029/ 010/031/ 032/033	HC3/H CF/H CG/H CJ/HC K/HCL	
Force10 S50N 2-port CX4-based 10Gb Uplink Module	44R9944	46C3433	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-030	4667-HCH	
Force10 C150/C300 48-port Gb Ethernet Line Card	46C5003	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-035	4667-HCN	
Force10 C150/C300 4-port 10Gb Ethernet Line Card	46C5007	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4667-036	4667-HCP	
Force10 C150/C300 8-port 10Gb Ethernet Line Card	46C5011	-	Phase.3, June.08,	4667-037	4667-HCQ	

			July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B			
Force10 S60 48-port GbE Switch Bundle for 1410	-	-	10B, 11A, 11B	-	-	
- Force10 S60 48-port GbE Switch Chassis for 1410	81Y8026	-	10B, 11A	4667-044	4667-HCX	
- - Force10 S60 225w Power Supply with Intake Fans	81Y8028	81Y8048	10B, 11A	4667-044	4667-HCX	
- - Force10 S60 Intake Fan Module	81Y8030	-	10B, 11A	4667-044	4667-HCX	
- Force10 S60 Rack Mount Kit for 1410	81Y8032	-	10B, 11A	4667-044	4667-HCX	
Force10 S60 48-port GbE Switch Bundle for iDPx	-	-	10B, 11A,11B	-	-	
- Force10 S60 48-port GbE Switch Chassis for iDPx	81Y8035	-	10B, 11A	4667-045	4667-HCY	
- - Force10 S60 225w Power Supply with Exhaust Fans	81Y8037	81Y8049	10B, 11A	4667-045	4667-HCY	
- - Force10 S60 Exhaust Fan Module	81Y8039	-	10B, 11A	4667-045	4667-HCY	
- Force10 S60 Rack Mount Kit for iDPx	81Y8041	-	10B, 11A	4667-045	4667-HCY	
Force10 E600i ExaScale Switch Enclosure Bundle	-	-	10A, 10B, 11A, 11B	-	-	
- Force10 Line Card and RPM Blank Panel	40K9093	-	10A, 10B, 11A	4667-038/039	4667-HCR/HCS	
- Force10 1GB Compact Flash Memory	40K9013	-	10A, 10B, 11A	4667-038/039	4667-HCR/HCS	
- Force10 E600 2500W/1500W AC Power Supply	40K5778	-	10A, 10B, 11A	4667-038	4667-HCR	
- Force10 E600 Fan Subsystem	40K5780	-	10A, 10B, 11A	4667-038	4667-HCR	
- Force10 E600 Air Filter	40K5784	-	10A, 10B, 11A	4667-038	4667-HCR	
- Force10 E600 Rack Mount Kit	40K5790	-	10A, 10B, 11A	4667-038	4667-HCR	

- Force10 E600i 7-slot chassis	40M3313	-	10A, 10B, 11A	4667-038	4667-HCR	
- Force10 CC-E-SFM3 Switch Fabric Module	40M3315	-	10A, 10B, 11A	4667-038/039	4667-HCR/HCS	
- Force10 ExaScale EH Route Processor Module	69Y0469	-	10A, 10B, 11A	4667-040	4667-HCT	
Force10 E1200i ExaScale Switch Enclosure Bundle	40K8993	-	10A, 10B, 11A	4667-039	4667-HCS	
- Force10 E1200 Vertical Cable Management Kit plus Hood	40K8995	-	10A, 10B, 11A	4667-039	4667-HCS	
- Force10 Line Card and RPM Blank Panel	40K9093	-	10A, 10B, 11A	4667-038/039	4667-HCR/HCS	
- Force10 1GB Compact Flash Memory	40K9013	-	10A, 10B, 11A	4667-038/039	4667-HCR/HCS	
- Force10 CC-E-SFM3 Switch Fabric Module	40M3315	-	10A, 10B, 11A	4667-038/039	4667-HCR/HCS	
- Force10 ExaScale EH Route Processor Module	69Y0469	-	10A, 10B, 11A	4667-040	4667-HCT	
- Force10 E1200i-AC 2800w Power Supply	69Y0485	69Y0483	10A, 10B, 11A	-	-	
- Force10 E1200i Fan Subsystem	69Y0460	-	10A, 10B, 11A	-	-	
- Force10 E1200i Filter	69Y0462	-	10A, 10B, 11A	-	-	
- Force10 E1200i-AC Power Supply Blank Panel	69Y0464	-	10A, 10B, 11A	-	-	
- Force10 E1200i AC Switch Chassis	69Y0458	-	10A, 10B, 11A, 11B	-	-	
Force10 S60 225w Power Supply with Intake Fans	81Y8028	81Y8048	10B, 11A	4667-044	4667-HCX	
Force10 S60 225w Power Supply with Exhaust Fans	81Y8037	81Y8049	10B, 11A	4667-045	4667-HCY	
Force10 S60 Dual-port 10GbE (SFP+) Uplink Module	81Y8044	81Y8042	10B, 11A	4667-044/045	4667-HCX/HCY	
Force10 S60 Single-port 24Gbps Stacking Kit	-	-	10B, 11A, 11B	-	-	
- Force10 S60 Single-port 24Gbps Stacking Module	81Y8047	81Y8045	10B, 11A	4667-044/045	4667-HCX/HCY	
- Force10 60cm 24Gb Stacking Cable	44R9952	-	10A	4667-044/045	4667-HCX/	

					HCY	
Force10 E1200i-AC 2800w Power Supply	69Y0485	69Y0483	10A, 10B, 11A	4667-039	4667-HCS	
Force10 ExaScale EH Route Processor Module	69Y0469	-	10A, 10B, 11A	4667-040	4667-HCT	
Force10 ExaScale 90-port MRJ21 GbE Line Card	69Y0473	-	10A, 10B, 11A	4667-041	4667-HCU	
Force10 ExaScale 10-port SFP+ 10GbE Line Card	69Y0477	-	10A, 10B, 11A	4667-042	4667-HCV	
Force10 ExaScale 40-port SFP+ 10GbE Line Card	69Y0481	-	10A, 10B, 11A	4667-043	4667-HCW	T1
Force10 ExaScale 4-port 40GbE Line Card	81Y8099	-	11A	4667-046	4667-HCZ	

Table 9 Foxconn

Foxconn	FRU	Option	Release	HVEC	XCC	Category Level
IBM Kitted FRU Bundle for QLogic 12800-360	49Y8529	-	9A, 9AW, 9B, 10A, 10B, 11A	0449-023	0449-HCG	
- Cable Pass-Thru Assembly	46M2228	46M5355	9A, 9AW, 9B, 10A, 10B, 11A	-	3331-HC2	
- Cable Management Bracket	46M2229	-	9A, 9AW, 9B, 10A, 10B, 11A	-	-	
IBM Kitted FRU Bundle for QLogic 12800-180	49Y8503	-	9A, 9AW, 9B, 10A, 10B, 11A	0449-022	0449-HCF	
iDPX Rack Mount Kit for Avocent MergePoint 5300 SP Manager	46C6317	46C3443	IDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	4369-HC3	
iDataPlex Rack Mount Kit for Cisco 4948-10GE	46C6313	46C5049	Phase.3, IDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4670-031	4670-HCF	
iDataPlex Rack Mount Kit for Console Managers	46M6214	49Y0434	Phase.3, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	1754-HC1/H C2/H C3/H C4	
iDataPlex Rack Mount Kit for Cisco 2960G-24	46C6312	46C3431	Phase.3, IDPX Ph1, iDPX	4670-030/032	4670-HCE/	

			Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D- I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B		HCG	
iDataPlex Rack Mount Kit for Cisco 3750G-48TS	46C6314	44R9978	Phase.3, IDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D- I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	4670- 017/048	4670- HC3/H CY	
iDataPlex Rack Mount Kit for Cyclades ACS48	46C6315	46D0178	Phase.3, IDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D- I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	3331- HC2	
IBM Racked FRU for Mellanox IS5600 Switch	81Y1513	-	10A, 10B, 11A	-	0724- FRU	

Table 10 IBM

IBM	FRU	Option	Release	HVEC	XCC	Category Level
10m Blue CAT5e Cable	40K8969	40K8927	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08,			

			April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A,11B			
0.6m Yellow CAT5e Cable	40K8971	40K8933	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
0.6m Green CAT5e Cable	40K8976	40K5563	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase 1, Phase 2, Phase 3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX			

			Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
25m Green CAT5e Cable	40K8980	40K8869	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
0.2m LC(female) - SC(male) Fiber Cable	44R8700	44R8701	Phase.1, Phase.2, Phase.3, Nov.07, Dec.07, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A,			

			9AW, 9B, 10A, 10B, 11A, 11B			
0.6m Blue CAT5e Cable	40K8966	40K5679	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
1.5m Blue CAT5e Cable	40K8967	40K8785	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08,			

			Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A,10B, 11A, 11B			
3m Blue CAT5e Cable	40K8968	40K5581	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
25m Blue CAT5e Cable	40K8970	40K8930	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX			

			Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
1.5m Yellow CAT5e Cable	40K8972	40K8951	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
3m Yellow CAT5e Cable	40K8973	40K8957	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07,			

			Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
10m Yellow CAT5e Cable	40K8974	40K8801	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
25m Yellow CAT5e Cable	40K8975	40K8807	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1,			

			Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
1.5m Green CAT5e Cable	40K8977	40K5643	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
3m Green CAT5e Cable	40K8978	40K5793	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07,			

			June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
10m Green CAT5e Cable	40K8979	40K5794	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
10m CAT6 Blue Cable	90Y3734	90Y3721	11A, 11B			
25m CAT6 Blue Cable	90Y3735	90Y3730	11A, 11B			

3m CAT6 Blue Cable	90Y3732	-	11A, 11B			
3m IBM Optical QDR InfiniBand QSFP Cable	49Y0489	49Y0488	10A, 10B, 11A, 11B			
10m IBM Optical QDR InfiniBand QSFP Cable	49Y0492	49Y0491	10A, 10B, 11A, 11B			
30m IBM Optical QDR InfiniBand QSFP Cable	49Y0495	49Y0494	10A, 10B, 11A, 11B			
0.5m IBM QSFP Copper Cable	81Y8091	81Y8090	10B			
1m IBM QSFP Copper Cable	81Y8093	81Y8092	10B			
3m IBM QSFP Copper Cable	81Y8095	81Y8094	10B			
1m IBM QSFP -to- 4-SFP+ Copper cable	81Y8079	81Y8078	10B			
3m IBM QSFP -to- 4-SFP+ Copper cable	81Y8081	81Y8080	10B			
5m IBM QSFP -to- 4-SFP+ Copper cable	81Y8077	81Y8076	10B			
0.5m IBM Direct Attach Copper SFP+ Cable	81Y8083	81Y8082	10B			
1m IBM Direct Attach Copper SFP+ Cable	81Y8085	81Y8084	10B			
3m IBM Direct Attach Copper SFP+ Cable	81Y8087	81Y8086	10B			
7m IBM Direct Attach Copper SFP+ Cable	81Y8089	81Y8088	10B			
IBM 10GbE SW SFP+ Transceiver	49Y8579	49Y8578	10A, 10B, 11A, 11B			

Table 11 Juniper

Juniper	FRU	Option	Release	HVEC	XCC	Category Level
- J08E (EX8208) Switch Chassis	81Y1559	-	10B, 11A	0719-012	0719-HC4	
- EX8208 Fan Tray (12 fans)	81Y1561	-	10B, 11A	0719-012	0719-HC4	
- EX8208 Switch Fabric Module	81Y1563	-	110B, 11A	0719-012	0719-HC4	
- EX8208 Switch and Routing Engine	81Y1565	-	10B, 11A	0719-012	0719-HC4	
- EX8200 2000w Power Supply	81Y1469	-	10B, 11A	0719-012	0719-HC4	
- EX8208 Rack Mount Kit	81Y1626	-	10B, 11A	0719-012	0719-HC4	

- EX8200 Line Card Blank Panel	81Y1571	-	10B, 11A	0719-012/013	0719-HC4/H C5	
- J16E (EX8216) Switch Chassis	81Y1575	-	10B, 11A	0719-013	0719-HC5	
- EX8216 Fan Tray	81Y1577	-	10B, 11A	0719-013	0719-HC5	
- EX8216 Switch Fabric Module	81Y1579	-	10B, 11A	0719-013	0719-HC5	
- EX8216 Routing Engine	81Y1581	-	10B, 11A	0719-013	0719-HC5	
- EX8200 3000w Power Supply	81Y1567	-	10B, 11A	0719-013	0719-HC5	
- EX8216 Rack Mount Kit	81Y1628	-	10B, 11A	0719-013	0719-HC5	
- EX8200 Line Card Blank Panel	81Y1571	-	10B, 11A	0719-012/013	0719-HC4/H C5	
IBM J48E Rack Mount for iDPx Rack	81Y1553	81Y1463	10B, 11A	-	-	
- IBM J08E Air Baffle Hardware Kit for 1410	81Y1569	81Y1632	10B, 11A	0719-012	0719-HC4	
- IBM J16E Air Baffle Hardware Kit for 1410	81Y1583	81Y1634	10B, 11A	0719-013	0719-HC5	
48-port 1GbE RJ-45 Line Card	81Y1595	-	10B, 11A, 11B	0719-014	0719-HC6	
8-port 10 GbE SFP+ line card	81Y1599	-	10B, 11A, 11B	0719-015	0719-HC7	
1m Juniper DAC SFP+ Cable	68Y6929	68Y6927	10B, 11A, 11B	0719-012/013	0719-HC4/H C5	
3m Juniper DAC SFP+ Cable	68Y6949	68Y6947	10B, 11A, 11B	0719-012/013	0719-HC4/H C5	
7m Juniper DAC SFP+ Cable	59Y1974	68Y6999	10B, 11A, 11B	0719-012/013	0719-HC4/H C5	
Juniper SFP+ SR 10GbE Transceiver	68Y6925	68Y6923	10B, 11A, 11B	0719-012/013	0719-HC4/H C5	

Table 12 Intel

Intel	FRU	Option	Release	HVEC	XCC	Category Level
30m Emcore Connects/Intel Connects Optical Cable [Fallback	46D0160	46D0159	Phase.3, iDPX Ph1.5, iDPX Ph1.7,			

Cable]			June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
10m Emcore Connects/Intel Connects Optical Cable	46D0157	46D0156	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
3m Emcore Connects/Intel Connects Optical Cable	46D0154	46D0153	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			

Table 13 Maysteel

Maysteel	FRU	Option	Release	HVEC	XCC	Category Level
Cisco 6509-E Air Baffle	40M3317	42D1465	6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A,	4670-035	4670-HCK	

			10B			
1U Universal Rack Mount Kit	42C8313	42C8310	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.0, Phase.1, Phase.2, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0448-011/012	0448-HC3/H C4	

Table 14 Mellanox

Mellanox	FRU	Option	Release	HVEC	XCC	Category Level
- Mellanox 450w Power Supply (Intake)	81Y1475	81Y1521	10A, 10B, 11A, 11B	0724-010/019	0724-HC3/H CC	T1
- Mellanox IS5030 for 1410 Switch Chassis	81Y1473	-	10A, 10B, 11A	0724-010	0724-HC3	
- MIS50xx Fan Module (Intake)	81Y1477	-	10A, 10B, 11A	0724-010/019	0724-HC3/H CC	T1
- 1410 Rack Mount Kit for 1U switches	81Y1479	-	10A, 10B, 11A	0724-010/019	0724-HC3/H CC	T1
- Mellanox 450w Power Supply (Exhaust)	81Y1485	81Y1523	10A, 10B, 11A, 11B	0724-011	0724-HC4	
- Mellanox IS5030 for iDPx Switch Chassis	81Y1483	-	10A, 10B, 11A	0724-011	0724-HC4	
- IS50xx Fan Module (Exhaust)	81Y1487	-	10A, 10B, 11A	0724-011	0724-HC4	
- iDPx Rack Mount Kit for 1U switches	81Y1489	-	10A, 10B, 11A	0724-011	0724-HC4	
- Mellanox IS5100 for 1410	81Y8052	-	10A, 10B, 11A	0724-	0724-	

Switch Chassis				014	HC7	
- Mellanox IS5100 1410 Rack Mount Kit	81Y8054	-	10B, 11A	0724-014	0724-HC7	
- Mellanox IS5100 Cable Management Kit	81Y8073	-	10B, 11A	0724-014	0724-HC7	
- Mellanox IS5200 for 1410 Switch Chassis	81Y1493	-	10A, 10B, 11A	0724-012	0724-HC5	
- Mellanox IS5xxx Spine Module	81Y1495	-	10A, 10B, 11A	0724-012/013/014/015	0724-HC5/H C6/HC 7/HC8	
- Mellanox IS5100 Spine-side Leaf Fan Unit	81Y1501	-	10A, 10B, 11A	0724-012/014	0724-HC5 /HC7	
- Mellanox IS5xxx 1000w Power Supply	81Y1503	-	10A, 10B, 11A, 11B	0724-012/013/014/015, 018	0724-HC5/H C6/HC 7/HC8 /HCB	T1
- Mellanox IS5xxx Management Module Blank	81Y1505	-	10A, 10B, 11A, 11B	0724-012/013/014/015/018	0724-HC5/H C6/HC 7/HC8 /HCB	T1
- Mellanox IS5xxx Leaf Module Blank	81Y1505	-	10A, 10B, 11A, 11B	0724-012/013/014/015/018	0724-HC5/H C6/HC 7/HC8 /HCB	T1
- Mellanox IS5200 1410 Rack Mount Kit	81Y1509	-	10A, 10B, 11A, 11B	0724-012	0724-HC5	
- Mellanox Cable Management Kit 1	81Y1613	-	10A, 10B, 11A, 11B	0724-012	0724-HC5	
- Mellanox IS5300 for 1410 Switch Chassis	81Y8057	-	10B, 11A, 11B	0724-015	0724-HC8	
- Mellanox IS5300 1410 Rack Mount Kit	81Y8059	-	10B, 11A, 11B	0724-015	0724-HC8	
- Mellanox IS5300 Cable Management Kit	81Y8075	-	10B, 11A, 11B	0724-015	0724-HC8	
- Mellanox IS5xxx PPC460EX Management Module	81Y1497	81Y1525	10A, 10B, 11A, 11B	0724-012/013/014/015	0724-HC5/H C6/HC 7/HC8	
- Mellanox MIS5X00 Spine Fan Unit	81Y1499	-	10A, 10B, 11A	0724-012/013/014/015	0724-HC5/H C6/HC 7/HC8	
- Mellanox IS5600 Leaf-	81Y1515	-	10A, 10B,	0724-	0724-	T1

side Leaf Fan Unit			11A, 11B	013/015, 018	HC6/H C8, HCB	
- Mellanox IS5600 Spine-side Leaf Fan Unit	81Y1517	-	10A, 10B, 11A, 11B	0724-013/015, 018	0724-HC6/H C8,HC B	T1
- Mellanox Cable Management Kit 2	81Y1615	-	10A, 10B, 11A, 11B	0724-013/018	0724-HC6/H CB	T1
Mellanox 450w Power Supply (Intake)	81Y1475	81Y1521	10A, 10B, 11A, 11B	0724-010	0724-HC3	T1
Mellanox 450w Power Supply (Exhaust)	81Y1485	81Y1523	10A, 10B, 11A, 11B	0724-011	0724-HC4	
Mellanox IS5xxx 18-port QSFP QDR IB Leaf Module	81Y1529	81Y1527	10A, 10B, 11A, 11B	0724-HC5/HC 6/HC7/H C8	0724-012/0 13/01 4/015	
Mellanox ConnectX-2 VPI Single-port QSFP QDR IB/10GbE PCI-E 2.0 HCA	81Y1533	81Y1531	10A, 10B, 11A			
Mellanox ConnectX-2 VPI Dual-port QSFP QDR IB/10GbE PCI-E 2.0 HCA	81Y1537	81Y1535	10A, 10B, 11A			
Mellanox ConnectX-2 VPI Dual-port QSFP QDR IB/10GbE PCI-E 2.0 HCA	81Y1537	81Y1535	10A, 10B, 11A			
Mellanox ConnectX-2 EN Dual-port SFP+ 10GbE PCI-E 2.0 Adapter	81Y1541	81Y1539	10A, 10B			
- Mellanox SX6036 QDR/FDR10 Switch Chassis (PSE)	90Y3768	-	11B	0724-016	0724-HC9	T1
- - Mellanox MSX60xx/MSX10xx 300w Power Supply with Intake Fan	90Y3770	90Y3800	11B	0724-016	0724-HC9	T1
- - Mellanox MSX60xx/MSX10xx Intake Fan Tray	90Y3772	-	11B	0724-016	0724-HC9	T1
- Mellanox MSX60xx/MSX10xx Enterprise Rack Mount Kit	90Y3774	-	11B	0724-016	0724-HC9	T1
- Mellanox SX6036 QDR/FDR10 Switch Chassis (oPSE)	90Y3778	-	11B	0724-017	0724-HCA	T1

- - Mellanox MSX60xx/MSX10xx 300w Power Supply with Exhaust Fan	90Y3780	90Y3802	11B	0724- 017	0724- HCA	T1
- - Mellanox MSX60xx/MSX10xx Exhaust Fan Tray	90Y3782	-	11B	0724- 017	0724- HCA	T1
- Mellanox MSX60xx/MSX10xx iDPx Rack Mount Kit	90Y3784	-	11B	0724- 017	0724- HCA	T1
- Mellanox SX6536 QDR/FDR10 Switch Chassis	90Y3788		11B	0724- 018	0724- HCB	FRU
- Mellanox IS5600 1410 Rack Mount Kit	81Y1519	-	11B	0724- 018	0724- HCB	FRU 2
- Mellanox BridgeX BX5020 Gateway (PSE) Chassis	90Y3798	-	11B	0724- 019	0724- HCC	FRU
Mellanox MSX60xx/MSX10xx 300w Power Supply with Intake Fan	90Y3770	90Y3800	11B	0724-16	0724- HC9	T1
Mellanox MSX60xx/MSX10xx 300w Power Supply with Exhaust Fan	90Y3780	90Y3802	11B	0724-17	0724- HCA	T1
Mellanox SX65xx PPC460-based Management Module	90Y3792	90Y3804	11B	0724-18	0724- HCB	T1
- Mellanox SX65xx QDR/FDR10 Spine Module	90Y3790	-	11B	0724- 020	0724- HCD	T1
- - Mellanox SX65XX Spine Fan Unit	90Y3794	-	11B	0724- 020	0724- HCD	T1
- Mellanox SX65xx 18-port QSFP QDR/FDR10 InfiniBand Leaf Module	90Y3808	-	11B	0724- 021	0724- HCE	T1
Mellanox ConnectX-3 VPI Single-port QSFP QDR/FDR10/10GbE HCA	95Y3453	95Y3451	11B	-	-	T1
Mellanox ConnectX-3 VPI Dual-port QSFP QDR/FDR10/10GbE HCA	95Y3457	95Y3455	11B	-	-	T1
Mellanox ConnectX-3 EN Dual-port QSFP+ 40GbE Adapter	95Y3461	95Y3459	11B	-	-	T1

- Mellanox QSA Adapter (QSFP to SFP+)	90Y3844	90Y3842	11B	-	-	T1
Mellanox ConnectX Dual-Port 4X DDR IB PCI-E 2.0 x8 5.0/GT/s HCA	46M2221	44R8728	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
1m Mellanox Copper Cable for 4X IB and 10GbE	46D0164	46D0162	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B			
5m Mellanox Copper Cable for 4X IB and 10GbE	46D0172	46D0170	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B			
3m Mellanox Copper Cable for 4X IB and 10GbE	46D0168	46D0166	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B			

8m Mellanox Copper Cable for 4X IB and 10GbE	46D0176	46D0174	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B			
1m Mellanox QSFP Passive Copper InfiniBand Cable	90Y3812	90Y3810	11B	-	-	T1
3m Mellanox QSFP Passive Copper InfiniBand Cable	90Y3816	90Y3814	11B	-	-	T1
5m Mellanox QSFP Passive Copper InfiniBand Cable	90Y3820	90Y3818	11B	-	-	T1
3m Mellanox QSFP Optical InfiniBand Cable	95Y3465	95Y3463	11B	-	-	T1
5m Mellanox QSFP Optical InfiniBand Cable	95Y3469	95Y3467	11B	-	-	T1
10m Mellanox QSFP Optical InfiniBand Cable	90Y3824	90Y3822	11B	-	-	T1
15m Mellanox QSFP Optical InfiniBand Cable	90Y3828	90Y3826	11B	-	-	T1
20m Mellanox QSFP Optical InfiniBand Cable	90Y3832	90Y3830	11B	-	-	T1
30m Mellanox QSFP Optical InfiniBand Cable	90Y3840	90Y3838	11B	-	-	T1
Mellanox Single-Port 4X DDR IB PCI-E x8 HCA	44R9972	44R9976	Phase.3, iDPX Ph1.5, iDPX Ph1.7, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10B, 11A			
Mellanox ConnectX Dual-Port 4X QDR IB x8 PCI-E 2.0 HCA	46M2201	46M2199	Phase.3, iDPX.Sep08, iDPX.8Ci, 9A, 9AW, 9B			
Mellanox ConnectX Single-Port 4X QDR IB x8 PCI-E 2.0 HCA	46M2205	46M2203	Phase.3, iDPX.Sep08, iDPX.8Ci, 9A,			

			9AW, 9B			
Mellanox ConnectX EN Dual-port 10GbE x8 PCI-E 2.0 Adapter	59Y1906	59Y1904	iDPX.Sep08, iDPX.8Ci, 9B			

Table 15 Molex

Molex	FRU	Option	Release	HVEC	XCC	Category Level
1m Molex Direct Attach Copper SFP+ Cable	59Y1938	59Y1936	9A, 9AW, 9B, 10A, 10B, 11A			
0.5m Molex Direct Attach Copper SFP+ Cable	59Y1934	59Y1932	9A, 9AW, 9B, 10A, 10B, 11A			
3m Molex Direct Attach Copper SFP+ Cable	59Y1942	59Y1940	9A, 9AW, 9B, 10A, 10B, 11A			
7m Molex Direct Attach Copper SFP+ Cable	59Y1946	59Y1944	9A, 9AW, 9B, 10A, 10B, 11A			

Table 16 QLogic Switches

QLogic Switches	FRU	Option	Release	HVEC	XCC	Category Level
QLogic 9024FC Externally Managed 24-port DDR IB Switch Bundle	-	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B	-	-	
- Qlogic 9024-FC24-ST1-DDR Switch Chassis for 1350	46D0198	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-011	0449-HC4	
- Qlogic 9024FC 4-point Rack Mount Kit (26"-33.25")	46D0200	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-011	0449-HC4	
Qlogic 9024FC for iDPx Externally Managed 24-port DDR IB Switch Bundle	-	-	iDPX Ph1.5, iDPX Ph1.7, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Qlogic 9024-FC24-ST1-DDR-R-RAC Switch Chassis for iDPX	46D0245	-	iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-012	0449-HC5	

- Qlogic 9024FC 4-point Rack Mount Kit (14.25"-20")	46D0247	-	iDPX Ph1.5, iDPX Ph1.7, iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-012	0449-HC5	
Qlogic 9024CU Managed 24-port DDR InfiniBand Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	-	-	
- Qlogic 9024-CU24-ST2-DDR Switch Chassis for 1350	46D0186	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-010	0449-HC3	
- Qlogic 9024CU Fan Tray	46D0188	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-010	0449-HC3	
- Qlogic 9024CU Hot-swap Power Supply	46D0190	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-010	0449-HC3	
- Qlogic 9024CU24 Rack Mount Kit	46D0192	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-010	0449-HC3	
Qlogic 12200 36-port QDR InfiniBand Switch Bundle	-	-	9A, 9AW, 9B	-	-	
- Qlogic 12200 Switch Chassis for 1350	49Y8483	-	9A, 9AW, 9B, 10A, 10B, 11A	0449-019	0449-HCC	
- Qlogic 12200 4-point Rack Mount Kit (26"-33.25")	49Y8485	-	9A, 9AW, 9B, 10A, 10B, 11A	0449-019	0449-HCC	
Qlogic 12200 (iDPx) 36-port QDR InfiniBand Switch Bundle	-	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- Qlogic 12200 Switch Chassis for iDPx	49Y8491	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-020	0449-HCD	
- Qlogic 12200 4-point Rack Mount Kit (14.25"-20")	49Y8493	-	9A, 9AW, 9B, 10A, 10B, 11A	0449-020	0449-HCD	

- QLogic 12200 (1410) for 1410 Redundant Power Switch Chassis	68Y6989	-	10A, 10B, 11A	0449-028	0449-HCM	
- QLogic 12200 (iDPx) Redundant Power Switch Chassis	68Y6993	-	10A, 10B, 11A	0449-029	0449-HCN	
QLogic 12200 Management Module	68Y6997	68Y6995	10A, 10B, 11A, 11B	0449-019 /020 /028 /029	0449-HCC /HCD / HCM / HCN	
QLogic 9080 96-port DDR InfiniBand Switch Bundle	-	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, 8D-I, 9A, 9AW, 9B	-	-	

- QLogic 9XXX Hot-swap Power Supply	46D0208	46D0241	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 / 014 /015	0449-HC6 / HC7/H C8	
- QLogic 9080/9120 Rack Mount Kit	46D0210	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014	0449-HC6 /HC7	
- QLogic Fabric Director Leaf Module Blank Panel	46D0218	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 /HC7 /HC8	
- QLogic 9080 Switch Chassis for 1350	46D0204	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, 8D-I, 9A, 9AW, 9B	0449-013	0449-HC6	
- QLogic Fan Tray for Fabric Director Switches	46D0206	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic Fabric Director Power Supply Blank Panel	46D0214	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	

- QLogic Fabric Director Spine Module Blank Panel	46D0216	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic 9XXX DDR Spine Module - Managed	46D0212	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-017	0449-HCA	
QLogic 9120 144-port DDR InfiniBand Switch Bundle	-	-	Phase.3, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- QLogic 9080/9120 Rack Mount Kit	46D0210	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 / 014	0449-HC6 / HC7	
- QLogic Fabric Director Power Supply Blank Panel	46D0214	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic 9120 Switch Chassis for 1350	46D0223	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-014	0449-HC7	
- QLogic Fan Tray for Fabric Director Switches	46D0206	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic 9XXX Hot-swap Power Supply	46D0208	46D0241	Phase.3, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic Fabric Director Spine Module Blank Panel	46D0216	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449-013 /014 /015	0449-HC6 / HC7 / HC8	
- QLogic Fabric Director Leaf Module Blank Panel	46D0218	-	Phase.3, July.08, Sept.08, 8C,	0449-013 /014 /015	0449-HC6 / HC7 /	

			8D-I, 9A, 9AW, 9B		HC8	
- QLogic 9XXX DDR Spine Module - Managed	46D0212	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449- 017	0449- HCA	
QLogic 9240 288-port DDR InfiniBand Switch Bundle	-	-	Phase.3, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	-	-	
- QLogic Fan Tray for Fabric Director Switches	46D0206	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449- 013 /014 /015	0449- HC6 / HC7 / HC8	
- QLogic 9XXX Hot-swap Power Supply	46D0208	46D0241	Phase.3, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	0449- 013 /014 /015	0449- HC6 / HC7 / HC8	
- QLogic 9240 Rack Mount Kit	46D0249	-	Phase.3, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	0449- 015	0449- HC8	
- QLogic Fabric Director Power Supply Blank Panel	46D0214	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449- 013 /014 /015	0449- HC6 / HC7 / HC8	
- QLogic Fabric Director Spine Module Blank Panel	46D0216	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449- 013 /014 /015	0449- HC6 / HC7 / HC8	
- QLogic Fabric Director Leaf Module Blank Panel	46D0218	-	Phase.3, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	0449- 013 /014 /015	0449- HC6 / HC7 / HC8	
- QLogic 9240 Base Chassis	46D0228	-	Phase.3, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	0449- 015	0449- HC8	

- QLogic 9XXX DDR Spine Module - Managed	46D0212	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-017	0449-HCA	
QLogic 12300 36-port QDR InfiniBand Switch Bundle	-	-	9A, 9AW, 9B	-	-	
- QLogic 12300 Switch Chassis for 1350	49Y8497	-	9A, 9AW, 9B	0449-021	0449-HCE	
- QLogic 12300 4-point Rack Mount Kit (26"-33.25")	49Y8545	-	9A, 9AW, 9B	0449-021	0449-HCE	
- QLogic 12300 Power Supply & Fan Tray	49Y8499	-	9A, 9AW, 9B	0449-021	0449-HCE	
QLogic 12800-180 QDR InfiniBand Switch Bundle	-	-	9A, 9AW, 9B, 10A, 10B	-	-	
- QLogic 12800 Intake Fan Module	49Y8509	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022/ 023	0449-HCF / HCG	
- QLogic 12800 Power Supply	49Y8513	49Y8504	Phase.3, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022/ 023	0449-HCF / HCG	
- QLogic 12800-180 Rack Mount Kit	49Y8503	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022	0449-HCF	
- QLogic 12800 Management Module	49Y8507	49Y8543	Phase.3, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022/ 023	0449-HCF / HCG	
QLogic 12800-360 QDR InfiniBand Switch Bundle	-	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	-	-	
- QLogic 12800 Exhaust Fan Module	49Y8511	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022/ 023	0449-HCF / HCG	
- QLogic 12800 Management Module Filler Panel	49Y8517	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022/ 023	0449-HCF / HCG	
- QLogic 12800 Power Supply Filler Panel	49Y8519	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-022/ 023	0449-HCF / HCG	
- QLogic 12800 Spine	49Y8521	-	9A, 9AW, 9B,	0449-	0449-	

Module Filler Panel			10A, 10B, 11A, 11B	022/ 023	HCF / HCG	
- QLogic 12800 Leaf Module Filler Panel	49Y8523	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449- 022/ 023	0449- HCF / HCG	
- QLogic 12800-360 Switch Chassis for 1350	49Y8529	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449- 023	0449- HCG	
3m QLogic Optical QDR InfiniBand QSFP Cable	59Y1922	59Y1920	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449- 019/020/ 021/022/ 023/028/ 029	0449- HCC/ HCD/ HCE/ HCF/ HCG/ HCM/ HCN	
30m QLogic Optical QDR InfiniBand QSFP Cable	59Y1930	59Y1928	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449- 019/020/ 021/022/ 023/028/ 029	0449- HCC/ HCD/ HCE/ HCF/ HCG/ HCM/ HCN	
0.5m QLogic Copper DDR InfiniBand QSFP-to-CX4 30AWG Cable	59Y1878	59Y1876	Phase.3, 9A, 9AW, 9B	0449- 019/020/ 021/022/ 023	0449- HCC/ HCD/ HCE/ HCF/ HCG	
1m QLogic Copper DDR InfiniBand QSFP-to-CX4 30AWG Cable	59Y1882	59Y1880	Phase.3, 9A, 9AW, 9B	0449- 019/020/ 021/022/ 023	0449- HCC/ HCD/ HCE/ HCF/ HCG	
3m QLogic Copper DDR InfiniBand QSFP-to-CX4 28AWG Cable	59Y1886	59Y1884	Phase.3, 9A, 9AW, 9B	0449- 019/020/ 021/022/ 023	0449- HCC/ HCD/ HCE/ HCF/ HCG	
0.5m QLogic Copper QDR InfiniBand QSFP 30AWG Cable	59Y1894	59Y1892	Phase.3, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449- 019/020/ 021/022/ 023/028/ 029	0449- HCC/ HCD/ HCE/ HCF/ HCG/ HCM/ HCN	

1m QLogic Copper QDR InfiniBand QSFP 30AWG Cable	59Y1898	59Y1896	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-019/020/021/022/023/028/029	0449-HCC/HCD/HCE/HCF/HCG/HCM/HCN	
3m QLogic Copper QDR InfiniBand QSFP 28AWG Cable	59Y1902	59Y1900	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-019/020/021/022/023/028/029	0449-HCC/HCD/HCE/HCF/HCG/HCM/HCN	
QLogic 9XXX DDR Spine Module - Unmanaged	46D0233	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-016	0449-HC9	
QLogic 9XXX DDR Spine Module - Managed	46D0212	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-017	0449-HCA	
QLogic 9XXX 12-port 4X DDR InfiniBand Switch Leaf Module	46D0239	-	Phase.3, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-018	0449-HCB	
10m QLogic Optical QDR InfiniBand QSFP Cable	59Y1926	59Y1924	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-019/020/021/022/023/028/029	0449-HCC/HCD/HCE/HCF/HCG/HCM/HCN	
QLogic 9XXX Hot-swap Power Supply	46D0208	46D0241	Phase.3, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	0449-013 / 014 / 015	0449-HC6 / HC7 / HC8	
3m QLogic Optical DDR InfiniBand QSFP-to-CX4	59Y1910	59Y1908	Phase.3, 9A, 9AW, 9B	0449-019/020/	0449-HCC/	

Cable				021/022/ 023	HCD/ HCE/ HCF/ HCG	
30m QLogic Optical DDR InfiniBand QSFP-to-CX4 Cable	59Y1918	59Y1916	Phase.3, 9A, 9AW, 9B	0449-019/020/ 021/022/ 023	0449-HCC/ HCD/ HCE/ HCF/ HCG	
QLogic 12800 QDR Single Spine Module	49Y8537	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-024	0449-HCH	
10m QLogic Optical DDR InfiniBand QSFP-to-CX4 Cable	59Y1914	59Y1912	Phase.3, 9A, 9AW, 9B	0449-019/020/ 021/022/ 023	0449-HCC/ HCD/ HCE/ HCF/ HCG	
QLogic 12800 QDR Double Spine Module	49Y8541	-	9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-025	0449-HCJ	
QLogic 12800 24-port 4X QDR Ultra-HD InfiniBand Leaf Module	49Y8549	-	Phase.3, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-026	0449-HCK	
QLogic 12800 18-port 4X QDR Ultra-HP InfiniBand Leaf Module	49Y8553	-	Phase.3, 9A, 9AW, 9B, 10A, 10B, 11A, 11B	0449-027	0449-HCL	
10m QLogic Optical QDR InfiniBand QSFP Cable [Fallback Cable]	59Y1926	59Y1924	9A, 9AW, 9B, 10B, 11A, 11B	0449-019/020/ 021/022/ 023/028/ 029	0449-HCC/ HCD/ HCE/ HCF/ HCG/ HCM/ HCN	
10m QLogic Optical DDR InfiniBand QSFP-to-CX4 Cable [Fallback Cable]	59Y1914	59Y1912	Phase.3, 9A, 9AW, 9B	0449-019/020/ 021/022/ 023	0449-HCC/ HCD/ HCE/ HCF/ HCG	
30m QLogic Optical DDR InfiniBand QSFP-to-CX4 Cable [Fallback Cable]	59Y1918	59Y1916	Phase.3, 9A, 9AW, 9B	0449-019/020/ 021/022/ 023	0449-HCC/ HCD/ HCE/ HCF/ HCG	
QLogic QLE7340 single-port 4X QDR IB x8 PCI-E 2.0 HCA	59Y1890	59Y1888	iDPX.Sep08, 8C, iDPX.8Ci, 9B, 10A, 10B,			

			11A			
30m QLogic Optical QDR InfiniBand QSFP Cable [Fallback Cable]	59Y1930	59Y1928	9A, 9AW, 9B, 10B, 11A, 11B	0449-019/020/ 021/022/ 023/028/ 029	0449-HCC/ HCD/ HCE/ HCF/ HCG/ HCM/ HCN	

Table 17 LG-Ericsson (SMC) Switches

SMC Switches	FRU	Option	Release	HVEC	XCC	Category Level
SMC 8848M Ethernet Switch Bundle	-	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B	-	-	
- SMC 8848M Ethernet Switch	40K9156	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX	4668-015	4668-HC3	

			Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B			
- 30cm Stacking Cable	40K9158	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4668- 015/022	4668- HC3/H CB	T1
- SMC 8848M/8708L2 1U Rail Kit	40K9160	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08,	4668- 015	4668- HC3	

			June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B			
SMC 8126L2 26-port GbE Switch Bundle	-	-	9A, 9AW, 9B, 10A, 10B	-	-	
- SMC 8126L2 Switch Chassis	46M2177	-	9A, 9AW, 9B, 10A, 10B, 11A	4668-017	4668-HC6	
- SMC 8150L2 Switch Chassis	46M2187	-	10A, 10B, 11A	4668-018	4668-HC7	
- SMC 8848M Ethernet Switch	46M1347	-	9B, 10A, 10B	4668-015	4668-HC3	
SMC 8708L2 8-port 10Gb Ethernet Switch	-	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- 1.52m DC Backup Power Cord	49Y8560	-	10A, 10B, 11A	4668-019	4668-HC8	
- SMC RPU14 Redundant Power Unit Chassis	49Y8558	-	10A, 10B, 11A	4668-019	4668-HC8	
SMC Rack Mount Kits for iDataPlex	46C5047	46C5045	Phase.3, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7,			

			iDPX.Sep08, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
SMC Rack Mount Kit 5 (1410 Rack)	46M2179	46M2189	9A, 9AW, 9B, 10A, 10B, 11A, 11B			
SMC Rack Mount Kit 6 (iDPx Rack)	46M2183	46M2181	9A, 9AW, 9B, 10A, 10B, 11A, 11B			
SMC Rack Mount Kit 7 (1410 Rack)	49Y8564	49Y8562	10A, 10B, 11A, 11B			
SMC Rack Mount Kit 8 (iDPx Rack)	49Y8568	49Y8566	10A, 10B, 11A, 11B			
SMC 10Gb XENPAK Module Kit	40K9162	40K9165	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, iDPX Ph1, iDPX Ph1.5, iDPX Ph1.7, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
LG-Ericsson ES-5048XG Switch (PSE) Chassis	81Y8119	-	11A, 11B	4668-020	4668-HC9	T1
LG-Ericsson 350w Power Supply with Intake Fan	81Y8121	81Y8137	11A, 11B	4668-020	4668-HC9	T1
LG-Ericsson Intake Fan Module	81Y8123	-	11A, 11B	4668-020	4668-HC9	T1
LG-Ericsson ES-4550G Switch Chassis	81Y8135	-	11A, 11B	4668-022	4668-HCB	T1
LG-Ericsson Rack Mount Kit 3	40K9160	81Y8141	11A, 11B	4668-022	4668-HCB	T1

LG-Ericsson Rack Mount Kit 9	81Y8145	81Y8143	11A, 11B	4668-022	4668-HCB	T1
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Table 18 Tyco Patch Panel

Tyco Patch Panel	FRU	Option	Release	HVEC	XCC	Category Level
Tyco 48-port 1Gb Ethernet Angled Patch Panel	44E9041	-	July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B	0564-010	0564-HC3	
3m Tyco Straight MRJ21-to-Angled MRJ21 Cable	44E9045	44E9046	July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
10m Tyco Straight MRJ21-to-Angled MRJ21 Cable	44E9049	44E9051	July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
30m Tyco Straight MRJ21-	44E9065	44E9066	July.07,			

to-Angled MRJ21 Cable			Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A, 11B			
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Table 19 Voltaire Switches

Voltaire Switches	FRU	Option	Release	HVEC	XCC	Category Level
Voltaire 2012 InfiniBand Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Voltaire sPSU Power Supply	40K5703	40K9077	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4669-023/024	4669-HCD/HCE	
- Voltaire sMB-HM Hi-Memory Management Board	40K9041	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07,	4669-023/024/028	4669-HCD/HCE/HCJ	

			May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, Feb.08, March.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B			
- Voltaire 2012 InfiniBand Switch Chassis	46C5027	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4669-024	4669-HCE	
Voltaire 2004 InfiniBand Switch Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	-	-	
- Voltaire 2004 InfiniBand Switch Chassis	46C5019	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4669-023	4669-HCD	
- Voltaire sFU-8 Horizontal Fan Unit	40K5696	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08,	4669-023/024	4669-HCD/ HCE	

			June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B			
- Voltaire sCGR-96 Cable Guide Bracket Kit	40K9037		6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B	4669- 023	4669- HCD	
- Voltaire sFU-2004 Vertical Fan Unit	46C5023	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	4669- 023	4669- HCD	
- Voltaire sFB-2004 Switch Fabric Board Blank Panel	46C5021	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	4669- 023	4669- HCD	
Voltaire 2036 36-port Managed DDR IB Switch Bundle	-	-	9A, 9AW, 9B	-	-	
- Voltaire 2036 36-port Managed DDR IB Switch Chassis	46M2209	-	9A, 9AW, 9B	4669- 030	4669- HCL	
- Voltaire 350w Power Supply	46M2211	49Y0476	9AW, 9B, 9B, 10A, 10B, 11A, 11B	4669- 032/033/ 042/043/ 044/045	4669H CN/H CP/H CY/H CZ/H D1/HD	T1

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- Voltaire Fan (Air In)	46M2213	-	9A, 9AW, 9B, 10A, 10B, 11A	4669- 032/042/ 044	4669- HCN/ HCY/ HD1	T1
- Voltaire 2036 / 4036 Rack Kit for 1410 Racks	46M2215	-	9A, 9AW, 9B, 10A, 10B, 11A	4669- 032/042/ 044	4669- HCN/ HCY/ HD1	T1
Voltaire 2036 (iDPx) 36- port Managed DDR IB Switch Bundle	-	-	9A, 9AW, 9B	-	-	
- Voltaire 2036 (iDPx) 36- port Managed DDR IB Switch Chassis	46M2219	-	9A, 9AW, 9B	4669- 031	4669- HCM	
- Voltaire Fan (Air Out)	46M2223		9A, 9AW, 9B, 10A, 10B, 11A	4669- 031/033/ 043/045	4669- HCM/ HCP/ HCZ/ HD2	T1
- Voltaire 2036 / 4036 Rack Kit for iDPx Racks	46M2225	-	9A, 9AW, 9B, 10A, 10B	4669- 031/033	4669- HCM/ HCP	
Voltaire 4036 for 1410 36- port Managed QDR IB Switch Bundle	-	-	9B, 10A, 10B, 11A, 11B	-	-	
- Voltaire 4036 for 1410 36-port Managed QDR IB Switch Chassis	49Y0440	-	9B, 10A, 10B, 11A, 11B	4669- 032	4669- HCN	
- Voltaire 4036 for iDPx 36-port Managed QDR IB Switch Chassis	49Y0444	-	9B, 10A, 10B, 11A, 11B	4669- 033	4669- HCP	
- Voltaire 4200 for 1410 Switch Chassis	81Y8062	-	10B, 11A	4669- 041	4669- HCX	
- - Voltaire sFU-42H Horizontal Fan Unit	81Y8064	-	10B, 11A	4669- 041	4669- HCX	
- - Voltaire sFU-42V Vertical Fan Unit	81Y8066	-	10B, 11A	4669- 041	4669- HCX	
- - Voltaire 1400w sPSU-S Power Supply	49Y0454	49Y0478	10B, 11A, 11B	4669- 034/037/ 041	4669- HCQ/ HCT/ HCX	
- Voltaire SMB-CM Management Board Blank Panel	49Y0460	-	10B, 11A, 11B	4669- 034/041	4669- HCQ /HCX	

- Voltaire sFB-4200 Switch Fabric Board Blank Panel	81Y8068	-	10B, 11A, 11B	4669-041	4669-HCX	
- Voltaire sLB-4018 Line Card Blank Panel	49Y0464	-	10B, 11A, 11B	4669-034/041	4669-HCQ /HCX	
- Voltaire 4700 Rack Mount Rail Kit	69Y0363	-	10B, 11A, 11B	4669-034/041	4669-HCQ /HCX	
- Cable Management Guide Kit	81Y1637	-	10B, 11A, 11B	4669-041	4669-HCX	
Voltaire sFB-4200 Vertical Fabric Board	81Y8071	81Y8069	10B, 11A, 11B			
Voltaire 4700 for 1410 Switch Bundle	-	-	9B, 10A, 10B, 11A, 11B	-	-	
- Voltaire sFU-40H Horizontal Fan Unit	49Y0450	-	9B, 10A, 10B, 11A	4669-034	4669-HCQ	
- Voltaire sFU-40V Vertical Fan Unit	49Y0452	-	9B, 10A, 10B, 11A	4669-034	4669-HCQ	
- Voltaire SMB-CM Management Board Blank Panel	49Y0460	-	9B, 10A, 10B, 11A, 11B	4669-034/041	4669-HCQ /HCX	
- Voltaire sFB-4700 Switch Fabric Board Blank Panel	49Y0462	-	9B, 10A, 10B, 11A, 11B	4669-034	4669-HCQ	
- Voltaire sPSU Power Supply Blank Panel	40K5717	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4669-041	4669-HCX	
- Voltaire 4700 for 1410 Switch Chassis	49Y0448		9B, 10A, 10B, 11A, 11B	4669-034	4669-HCQ	
- Voltaire 1400w sPSU-S	49Y0454	49Y0478	9B, 10A, 10B,	4669-	4669-	

Power Supply			11A, 11B	034/037/ 041	HCQ/ HCT/ HCX	
- Voltaire sMB-CM Management Board	49Y0456	49Y0474	9B, 10A, 10B, 11A, 11B	4669- 034/041	4669- HCQ /HCX	
- Voltaire sLB-4018 Line Card Blank Panel	49Y0464	-	9B, 10A, 10B, 11A, 11B	4669- 034/041	4669- HCQ /HCX	
- Voltaire 4700 Rack Mount Rail Kit	69Y0363	-	9B, 10A, 10B, 11A, 11B	4669- 034/041	4669- HCQ /HCX	
Voltaire 8500 for 1410 Switch Bundle	-	-	9B, 10A, 10B, 11A, 11B	-	-	
- Voltaire sCNTRL Rear Panel Control	40K5705	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4669- 037	4669- HCT	
- Voltaire sRK Rail Kit	40K5707	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08,	4669- 023/024/ 037	4669H CD/H CE/H CT	

			April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B			
- Voltaire sMB-HM Hi-Memory Management Board Blank Panel	40K5713	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4669-037	4669-HCT	
- Voltaire sLB Line Card Blank Panel	40K5715	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4669-037	4669-HCT	
- Voltaire sFU-4 Vertical Fan Unit	40K5697	-	6A, 6B, Jan.07, Feb.07, Mar.07,	4669-037	4669-HCT	

			Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A			
- Voltaire sCGR-288 Cable Guide Bracket Kit	40K5709	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07, Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A	4669-037	4669-HCT	
- Voltaire sFB-2012 Switch Fabric Board Blank Panel	40K5711	-	6A, 6B, Jan.07, Feb.07, Mar.07, Apr.07, May.07, June.07, July.07, Phase.3, August.07, Sept.07, Oct.07, Nov.07, Dec.07,	4669-037	4669-HCT	

			Jan.08, April.08, June.08, July.08, Sept.08, 8C, 8D-I, 9A, 9AW, 9B, 10A, 10B, 11A			
- Voltaire 1400w sPSU-S Power Supply	49Y0454	49Y0478	9B, 10A, 10B, 11A, 11B	4669- 034/037/ 041	4669- HCQ/ HCT/ HCX	
- Voltaire 8500 for 1410 Switch Chassis	68Y6903	-	9B, 10A, 10B, 11A, 11B	4669- 037	4669- HCT	
- Voltaire sFU-8E Horizontal Fan Unit	68Y6905	-	9B, 10A, 10B, 11A	4669- 037	4669- HCT	
- Voltaire SMB-E Management Module	68Y6907	-	9B, 10A, 10B, 11A, 11B	4669- 040	4669- HCW	
Voltaire SMB-HM Hi- Memory Management Board Bundle	-	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	-	-	
Voltaire sFB-2004 Switch Fabric Board	46C5031	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	4669- 025	4669- HCF	
Voltaire sFB-2012 Switch Fabric Board	46C5035	-	Phase.3, June.08, July.08, Sept.08, 8C, iDPX.8Ci, 8D- I, 9A, 9AW, 9B	4669- 026	4669- HCG	
Voltaire sLB-2024 24-port 4X DDR InfiniBand Line Card	46C5039	-	Phase.3, June.08, July.08, Sept.08, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A, 9AW, 9B	4669- 027	4669- HCH	
Voltaire sRB-20210G 10GbE/DDR InfiniBand Line Board	46M1823	-	Phase.3, iDPX.Sep08, 8C, iDPX.8Ci, 8D-I, 9A,	4669- 029	4669- HCK	

			9AW, 9B			
Voltaire sLB-4018 18-port QDR IB Line Board	49Y0468	-	9B, 10A, 10B, 11A, 11B	4669-035	4669-HCR	
Voltaire sFB-4700 Switch Fabric Board	49Y0472	49Y0470	9B, 10A, 10B, 11A, 11B			
4m Voltaire Copper 12X CXP-to-3 QSFP Breakout Cable	68Y6973	68Y6971	9B, 10A, 10B			
10m Voltaire Optical 12X CXP-to-3 QSFP Breakout Cable	68Y6981	68Y6979	9B, 10A, 10B			
Voltaire sFB-4700-X2 Hyperscale Fabric Board	49Y0482	-	9B, 10A, 10B, 11A, 11B	4669-036	4669-HCS	
Voltaire Hyperscale Cable Management Kit	49Y0486	49Y0484	9B, 10A, 10B, 11A, 11B			
1.2m Voltaire Copper 12X CXP-to-12X CXP Cable	68Y6933	68Y6931	9B, 10A, 10B			
4m Voltaire Copper 12X CXP-to-12X CXP Cable	68Y6945	68Y6943	9B, 10A, 10B			
10m Voltaire Optical 12X CXP-to-12X CXP Cable	68Y6957	68Y6955	9B, 10A, 10B			
Voltaire sLB-1024 24-Port 10GbE Line Board	68Y6913	68Y6955	9B, 10A, 10B			
Voltaire sFB-8500 Fabric Board	68Y6917	-	9B, 10A, 10B, 11A, 11B	4669-039	4669-HCV	
Voltaire 2036 / 4036 Rack Kit 2 for iDPx Racks	90Y3736	-	11A	4669-033/043/045	4669-HCP/H CZ/HD2	T1
Voltaire 4036E Switch (PSE) Chassis	81Y8103	-	11A, 11B	4669-042	4669-HCY	T1
Voltaire 4036E Switch (oPSE) Chassis	81Y8107	-	11A, 11B	4669-043	4669-HCZ	
Voltaire 4036E-LM Switch (PSE) Chassis	81Y8111	-	11A, 11B	4669-044	4669-HD1	T1
Voltaire 4036E Switch-LM (oPSE) Chassis	81Y8115	-	11A, 11B	4669-045	4669-HD2	T1