

IBM Z

8561 Parts Catalog

Level 00b



Note:

Before you use this information and the product it supports, read the information in “[Safety](#)” on page v, [Appendix A](#), “[Notices](#),” on page 51, and *IBM Systems Environmental Notices and User Guide*, Z125-5823.

This edition, GC28-7003-00b, applies to IBM z15 and IBM LinuxONE III. This edition replaces GC28-7003-00a.

There may be a newer version of this document in a **PDF** file available on **Resource Link**. Go to <http://www.ibm.com/servers/resourcelink> and click **Library** on the navigation bar.

© **Copyright International Business Machines Corporation 2019, 2020.**

US Government Users Restricted Rights – Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

Contents

Safety.....	v
Safety notices.....	v
World trade safety information.....	vii
Laser safety information.....	vii
Laser compliance.....	vii
About this publication.....	ix
How to send your comments.....	ix
Accessibility.....	ix
Accessibility features.....	ix
Keyboard navigation.....	ix
Consult assistive technologies.....	ix
IBM and accessibility.....	x
Summary of changes.....	xi
Chapter 1. FRU list.....	1
Chapter 2. Catalog section.....	3
Assembly 1: A, Z, B or C frame assembly, side covers, mounting hardware.....	3
Assembly 2: A, Z, B or C frame assembly, hinges, door latch.....	4
Assembly 3: A, Z, B or C frame, front and rear covers.....	5
Assembly 4: Power Distribution Units (PDUs).....	6
Assembly 5: Bulk power assembly.....	7
Assembly 6: IBF assembly.....	8
Assembly 7: A or B frame assembly, manifolds, reservoir.....	9
Assembly 8: Radiator Cooling Unit (RCU) assembly.....	10
Assembly 9: Water Cooling Unit (WCU) assembly.....	11
Assembly 10: In door heat exchanger and frame extenders.....	12
Assembly 11: PCIe+ I/O drawer assembly.....	13
Assembly 12: CPC drawer assembly.....	14
Assembly 13: CPC rails.....	16
Assembly 14: Earthquake Kit, frame tie down, non-raised floor.....	17
Assembly 15: Earthquake Kit, frame tie down, raised floor.....	18
Assembly 16: Earthquake Kit, frame stiffening assembly.....	19
Assembly 17: Top exit I/O mounting.....	20
Assembly 18: Raised floor tailgate mounting.....	21
Assembly 19: Compact KMM (keyboard, monitor, mouse) assembly.....	22
Assembly 20: Support Elements.....	23
Assembly 21: Ethernet Switches.....	24
Chapter 3. Cable guide.....	25
Assembly 21: Power cords.....	25
Assembly 22: Cable assemblies.....	27
Assembly 22.1: Cable assemblies (PDU).....	28
Assembly 22.2: Cable assemblies (BPA).....	38
Assembly 22.3: Cable assemblies (Miscellaneous).....	48
Appendix A. Notices.....	51

Trademarks.....	52
Class A Notices.....	52

Safety

Safety notices

Safety notices may be printed throughout this guide. **DANGER** notices warn you of conditions or procedures that can result in death or severe personal injury. **CAUTION** notices warn you of conditions or procedures that can cause personal injury that is neither lethal nor extremely hazardous. **Attention** notices warn you of conditions or procedures that can cause damage to machines, equipment, or programs.

The following **DANGER** notices appear in this installation manual:

DANGER: To prevent a possible shock from touching two surfaces with different protective ground (earth), use one hand, when possible, to connect or disconnect signal cables. (D001)

DANGER: If the receptacle has a metal shell, do not touch the shell until you have completed the voltage and grounding checks. Improper wiring or grounding could place dangerous voltage on the metal shell. If any of the conditions are not as described, *STOP*. Ensure the improper voltage or impedance conditions are corrected before proceeding. (D003)

DANGER: An electrical outlet that is not correctly wired could place hazardous voltage on the metal parts of the system or the devices that attach to the system. It is the responsibility of the customer to ensure that the outlet is correctly wired and grounded to prevent an electrical shock. (D004)

DANGER: Heavy equipment — personal injury or equipment damage might result if mishandled. (D006)

DANGER: When working on or around the system, observe the following precautions:

Electrical voltage and current from power, telephone, and communication cables are hazardous. To avoid a shock hazard:

- If IBM supplied a power cord(s), connect power to this unit only with the IBM provided power cord. Do not use the IBM provided power cord for any other product.
- Do not open or service any power supply assembly.
- Do not connect or disconnect any cables or perform installation, maintenance, or reconfiguration of this product during an electrical storm.
- The product might be equipped with multiple power cords. To remove all hazardous voltages, disconnect all power cords.
- Connect all power cords to a properly wired and grounded electrical outlet. Ensure that the outlet supplies proper voltage and phase rotation according to the system rating plate.
- Connect any equipment that will be attached to this product to properly wired outlets.
- When possible, use one hand only to connect or disconnect signal cables.
- Never turn on any equipment when there is evidence of fire, water, or structural damage.
- Do not attempt to switch on power to the machine until all possible unsafe conditions are corrected.
- Assume that an electrical safety hazard is present. Perform all continuity, grounding, and power checks specified during the subsystem installation procedures to ensure that the machine meets safety requirements.
- Do not continue with the inspection if any unsafe conditions are present.
- Disconnect the attached power cords, telecommunications systems, networks, and modems before you open the device covers, unless instructed otherwise in the installation and configuration procedures.
- Connect and disconnect cables as described in the following procedures when installing, moving, or opening covers on this product or attached devices.

To disconnect:

1. Turn off everything (unless instructed otherwise).
2. Remove the power cords from the outlets.
3. Remove the signal cables from the connectors.
4. Remove all cables from the devices.

To connect:

1. Turn off everything (unless instructed otherwise).
 2. Attach all cables to the devices.
 3. Attach the signal cables to the connectors.
 4. Attach the power cords to the outlets.
 5. Turn on the devices.
- Sharp edges, corners and joints may be present in and around the system. Use care when handling equipment to avoid cuts, scrapes and pinching. (D005)

The following **CAUTION** notices appear in this installation manual:

CAUTION: Data processing environments can contain equipment transmitting on system links with laser modules that operate at greater than Class 1 power levels. For this reason, never look into the end of an optical fiber cable or open receptacle. (C027)

CAUTION: This product contains a Class 1M laser. Do not view directly with optical instruments. (C028)

CAUTION: The doors and covers to the product are to be closed at all times except for service by trained service personnel. All covers must be replaced and doors locked at the conclusion of the service operation. (C013)

CAUTION: Ensure the building power circuit breakers are turned off **BEFORE** you connect the power cord or cords to the building power. (C023)

CAUTION: The battery contains lithium. To avoid possible explosion, do not burn or charge the battery.

Do not: Throw or immerse into water, heat to more than 100°C (212°F), repair or disassemble. (C003)

World trade safety information

Several countries require the safety information contained in product publications to be presented in their translation. If this requirement applies to your country, a safety information booklet is included in the publications package shipped with the product. The booklet contains the translated safety information with references to the US English source. Before using a US English publication to install, operate, or service this product, you must first become familiar with the related safety information in the *Systems Safety Notices*, G229-9054. You should also refer to the booklet any time you do not clearly understand any safety information in the US English publications.

Laser safety information

All IBM Z[®] (Z) and IBM[®] LinuxONE (LinuxONE) models can use I/O cards such as FICON[®], Open Systems Adapter (OSA), RoCE Express[®], Integrated Coupling Adapter (ICA SR), zHyperLink Express, or other I/O features which are fiber optic based and utilize lasers (short wavelength or long wavelength lasers).

Laser compliance

All lasers are certified in the US to conform to the requirements of DHHS 21 CFR Subchapter J for Class 1 or Class 1M laser products. Outside the US, they are certified to be in compliance with IEC 60825 as a Class 1 or Class 1M laser product. Consult the label on each part for laser certification numbers and approval information.

Laser Notice: U.S. FDA CDRH NOTICE if low power lasers are utilized, integrated, or offered with end product systems as applicable. Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019.

CAUTION: Data processing environments can contain equipment transmitting on system links with laser modules that operate at greater than Class 1 power levels. For this reason, never look into the end of an optical fiber cable or open receptacle. (C027)

CAUTION: This product contains a Class 1M laser. Do not view directly with optical instruments. (C028)

About this publication

This Parts Catalog contains listings and illustrations of replaceable assemblies and detailed parts of the 8561.

IBM® has prepared this manual for the use of IBM® customer service representatives in the installation, maintenance, and repair of the specific machines indicated. IBM® makes no representations that it is suitable for any other purpose.

Unless otherwise stated, throughout this document "8561" refers to the IBM z15™ or IBM LinuxONE III™.

How to send your comments

Your feedback is important in helping to provide the most accurate and high-quality information. Send your comments by using Resource Link® at <http://www.ibm.com/servers/resourcelink>. Click **Feedback** on the navigation bar on the left. You can also send an email to reslink@us.ibm.com. Be sure to include the name of the book, the form number of the book, the version of the book, if applicable, and the specific location of the text you are commenting on (for example, a page number, table number, or a heading).

Accessibility

Accessible publications for this product are offered in EPUB format and can be downloaded from Resource Link at <http://www.ibm.com/servers/resourcelink>.

If you experience any difficulty with the accessibility of any IBM Z and IBM LinuxONE information, go to Resource Link at <http://www.ibm.com/servers/resourcelink> and click **Feedback** from the navigation bar on the left. In the **Comments** input area, state your question or comment, the publication title and number, choose **General comment** as the category and click **Submit**. You can also send an email to reslink@us.ibm.com providing the same information.

When you send information to IBM, you grant IBM a nonexclusive right to use or distribute the information in any way it believes appropriate without incurring any obligation to you.

Accessibility features

The following list includes the major accessibility features in IBM Z and IBM LinuxONE documentation, and on the Hardware Management Console and Support Element console:

- Keyboard-only operation
- Interfaces that are commonly used by screen readers
- Customizable display attributes such as color, contrast, and font size
- Communication of information independent of color
- Interfaces commonly used by screen magnifiers
- Interfaces that are free of flashing lights that could induce seizures due to photo-sensitivity.

Keyboard navigation

This product uses standard Microsoft Windows navigation keys.

Consult assistive technologies

Assistive technology products such as screen readers function with our publications, the Hardware Management Console, and the Support Element console. Consult the product information for the specific assistive technology product that is used to access the EPUB format publication or console.

IBM and accessibility

See <http://www.ibm.com/able> for more information about the commitment that IBM has to accessibility.

Summary of changes

Summary of changes for the *8561 Parts Catalog*, GC28-7003.

<i>Table 1. Summary of changes</i>	
Release level	Changes in level
00b	<p>This revision contains editorial changes and the following technical changes:</p> <ul style="list-style-type: none"> • Corrected part number in <u>“Assembly 1: A, Z, B or C frame assembly, side covers, mounting hardware”</u> on page 3. • Updated assembly in <u>“Assembly 14: Earthquake Kit, frame tie down, non-raised floor”</u> on page 17.
00a	<p>This revision contains editorial changes and the following technical changes:</p> <ul style="list-style-type: none"> • New assembly added to catalog section, <u>“Assembly 21: Ethernet Switches”</u> on page 24 • <u>“Assembly 22.3: Cable assemblies (Miscellaneous)”</u> on page 48 is updated to include new 8.5 ft. LC Duplex (FICON) harness, P/N 15R7525.

Chapter 1. FRU list

Use the following procedure to determine the part numbers of the FRUs within a CPC or CPC drawer.

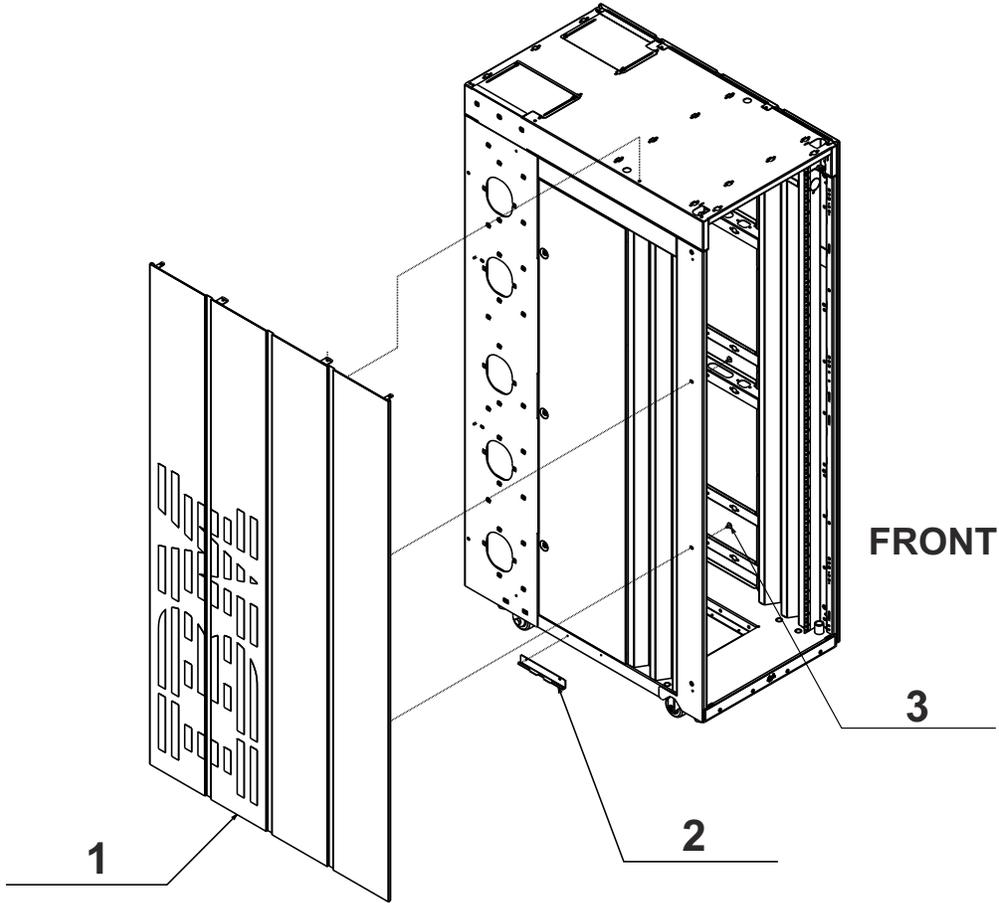
1. Ensure that you are logged on the Support Element in service mode.

On the Support Element workplace window:

- a. Click **Tasks Index** on the left-hand navigation pane.
 - b. From the tasks index, click **View Hardware Configuration**.
2. On the **View Hardware Configuration** window:
 - a. Select the part location from the menu.
 - b. Select **Details**.
 3. The Part Details window shows information about the selected part. When complete:
 - a. Click **OK**.
 - b. On the **View Hardware Configuration** window, click **Cancel**.

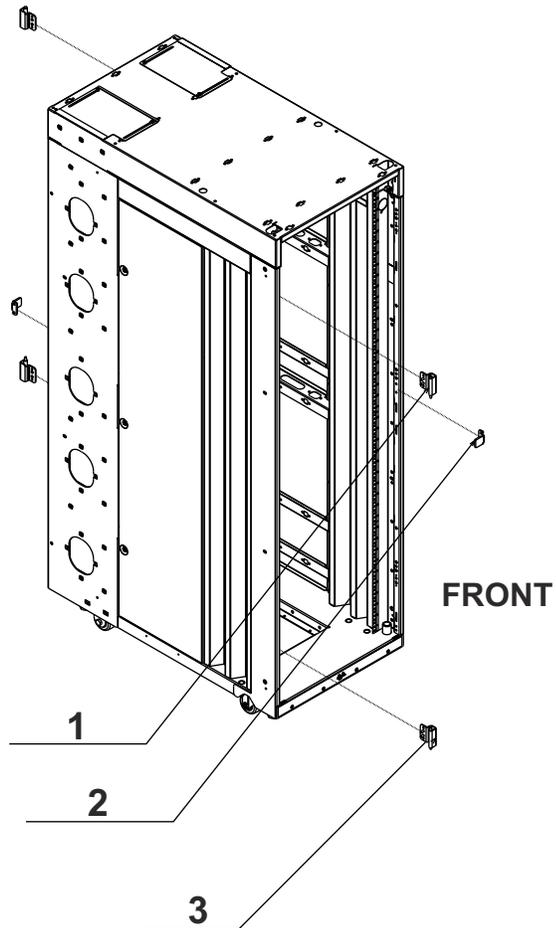
Chapter 2. Catalog section

Assembly 1: A, Z, B or C frame assembly, side covers, mounting hardware



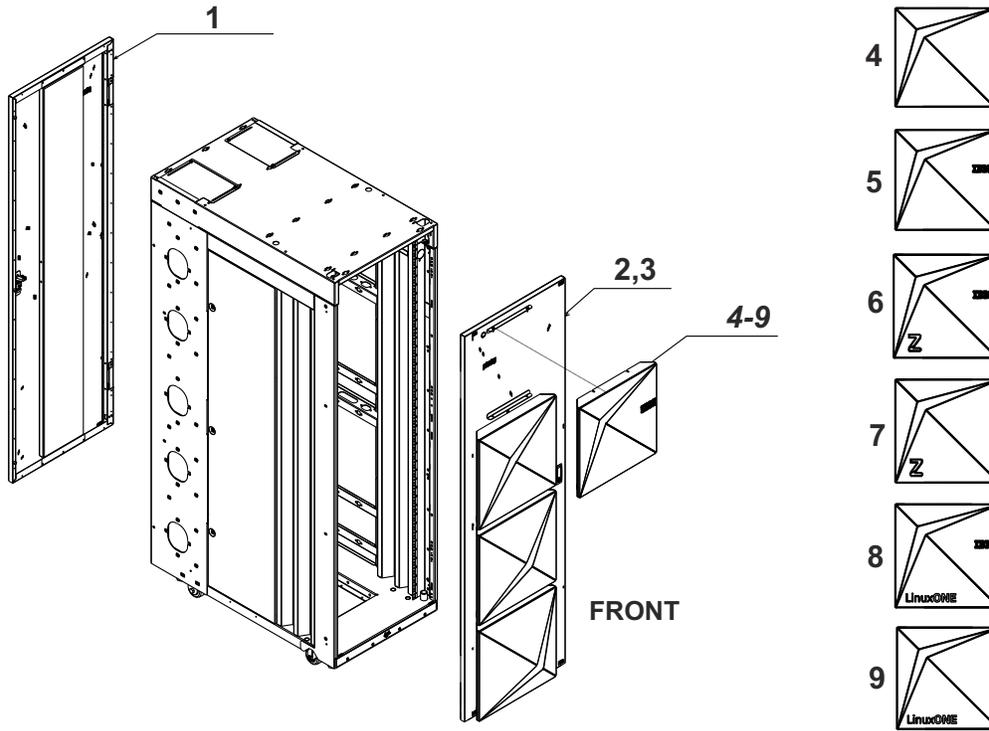
Index	Part Number	Units	Description
1	01EL900	2 per frame	Side cover Use 46K4282, (4) screw
2	42V2119	2 per frame	J-Bracket Use 46K4284, (2) screw
3	01KV618	4 per frame	Screw with washer

Assembly 2: A, Z, B or C frame assembly, hinges, door latch



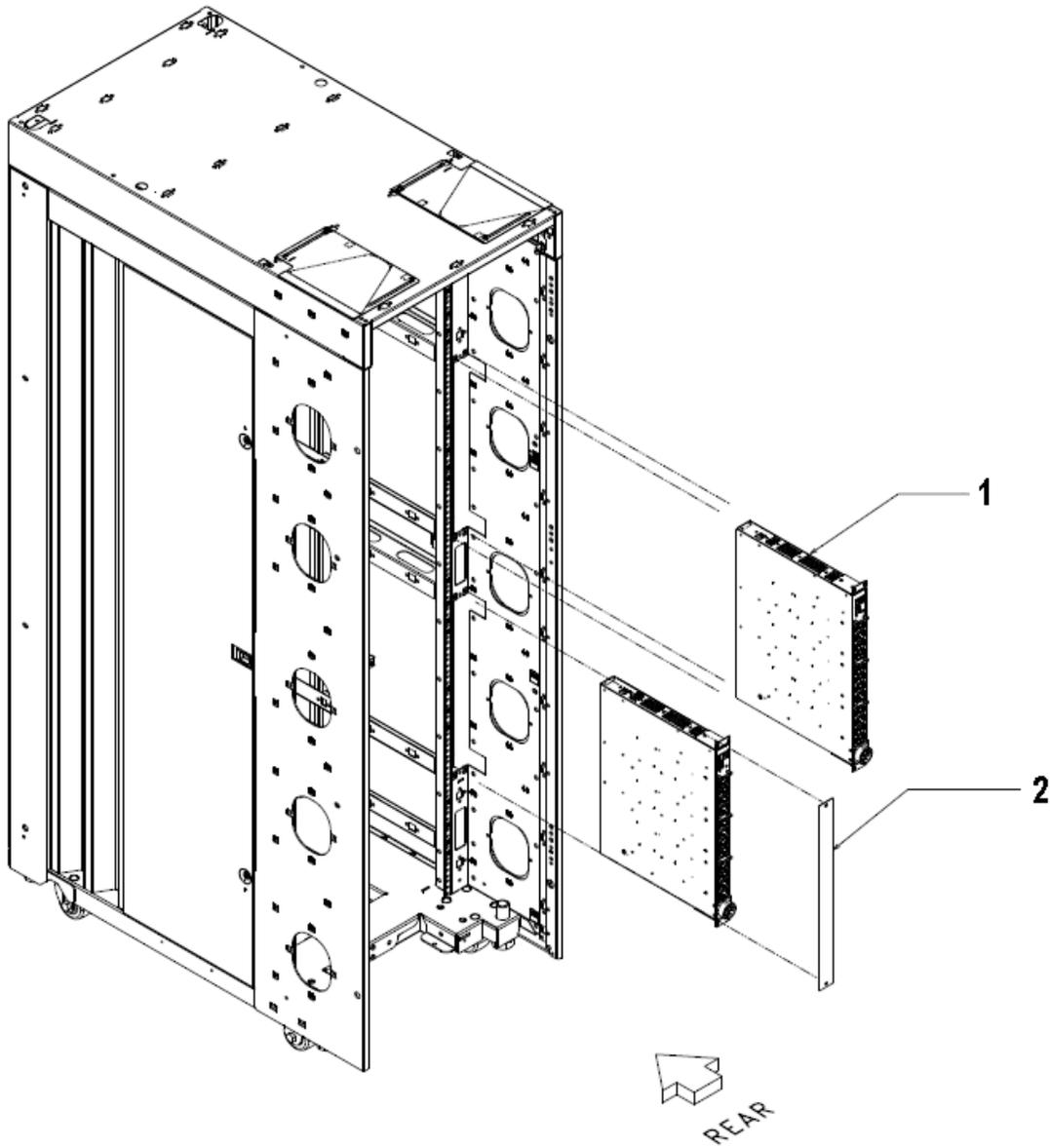
Index	Part Number	Units	Description
1	01KU112	2 per frame	Hinge, upper Use 46K4284, (2) screw
2	02WN792	2 per frame	Door latch Use 46K4284, (2) screw
3	01KU111	2 per frame	Hinge, lower Use 46K4284, (2) screw

Assembly 3: A, Z, B or C frame, front and rear covers



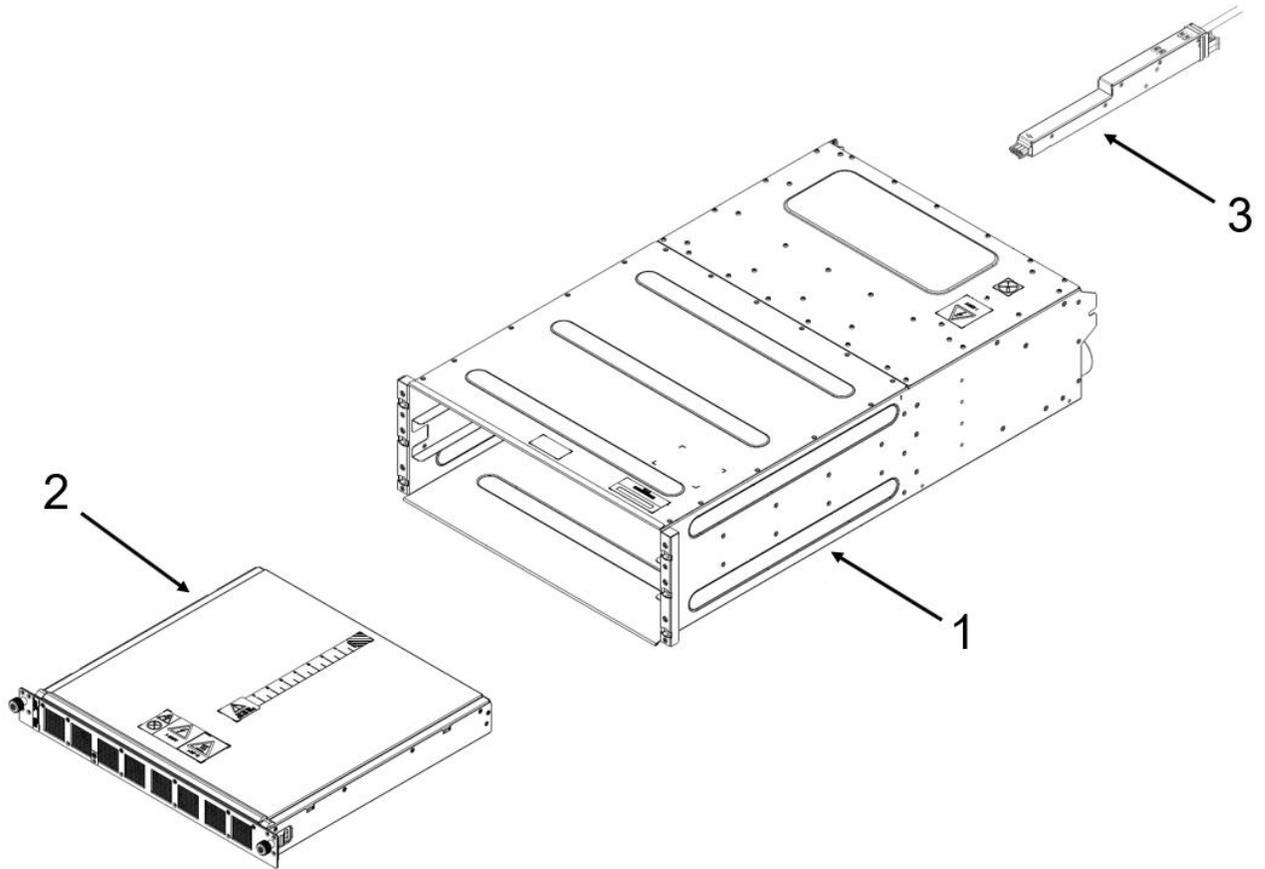
Index	Part Number	Units	Description
1	01PP001	1	Cover Assembly, rear
2	02ED326	1	Cover assembly, front (IBM - Blue)
3	02ED327	1	Cover assembly, front (LinuxONE - Orange)
4	02ED330 - z15 02ED331 - LinuxONE	1	Top square panel, front - No Logo
5	02ED328 - z15 02ED329 - LinuxONE	1	Top square panel, front - IBM Logo
6	02ED332	1	Top square panel, front - IBM Z Logo
7	02ED333	1	Top square panel, front - Z Logo
8	02ED352	1	Top square panel, front - IBM LinuxONE Logo
9	02ED353	1	Top square panel, front - LinuxONE Logo

Assembly 4: Power Distribution Units (PDUs)



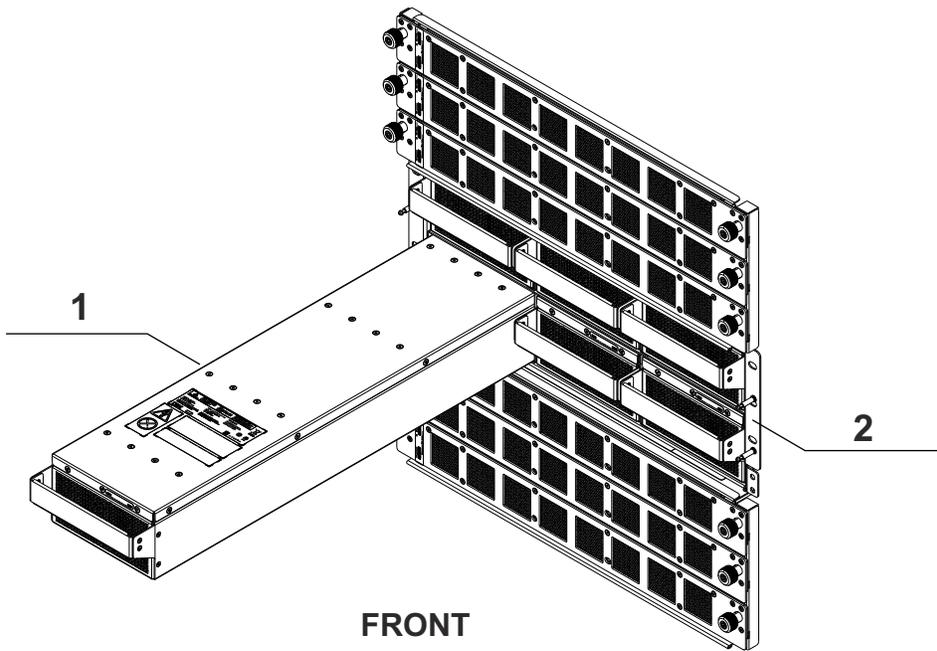
Index	Part Number	Units	Description
1	02FJ750 (3-phase Y/WW) or 02FJ751 (3-phase delta/NA)	2, 4, 6 or 8	Smart PDU Use 51J2558 (4) nut clip Use 46K4284 (4) screw
2	02CX110	AR	Filler Plate, PDU "as required" Use 51J2558 (4) nut clip Use 46K4284 (4) screw

Assembly 5: Bulk power assembly



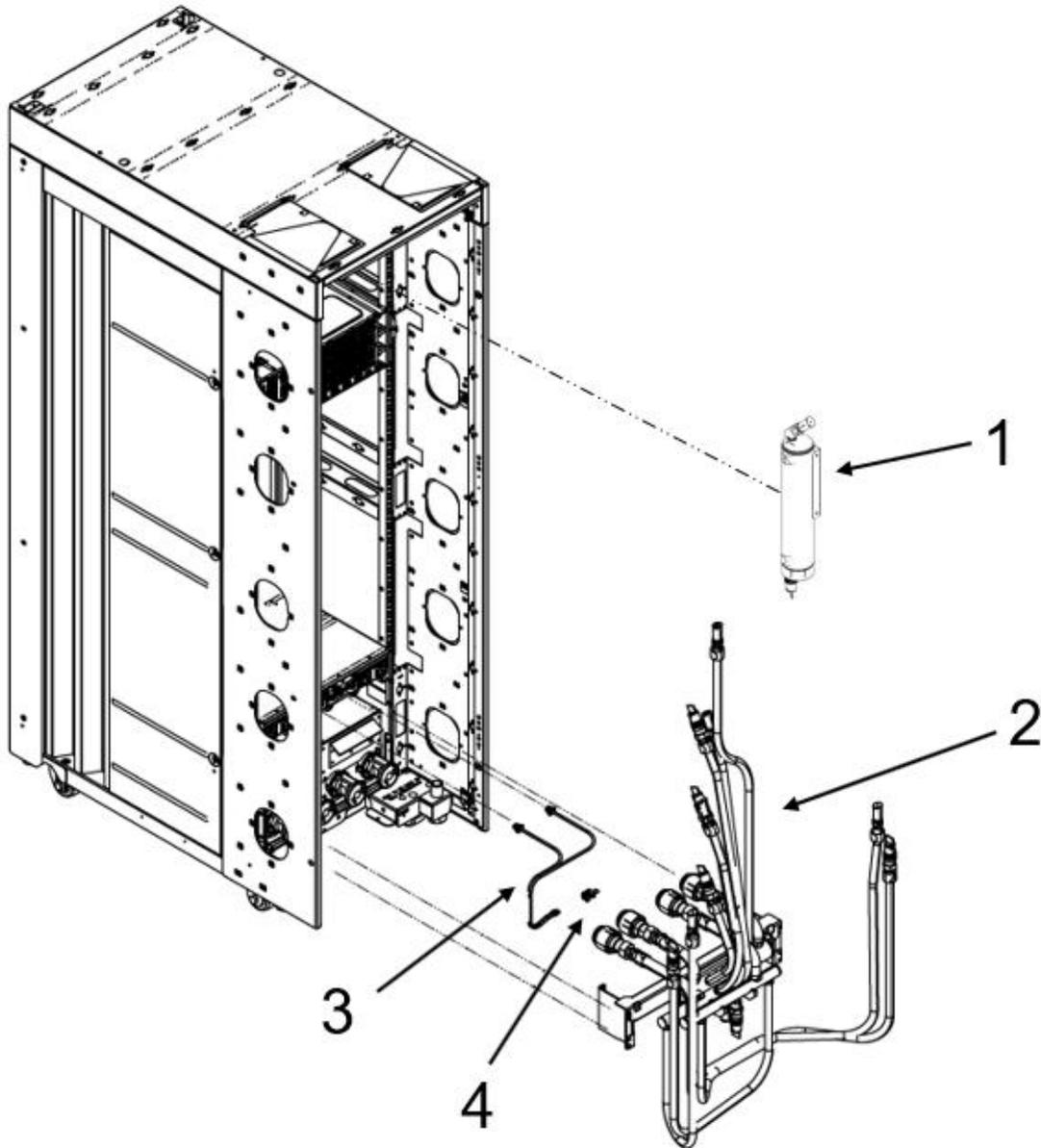
Index	Part Number	Units	Description
1	02WN650	1	Bulk Power Enclosure (BPE)
2	02WN968	1 - 3	Bulk Power Regulator (BPR)
3	03FM455	AR	IBF Power Cable

Assembly 6: IBF assembly



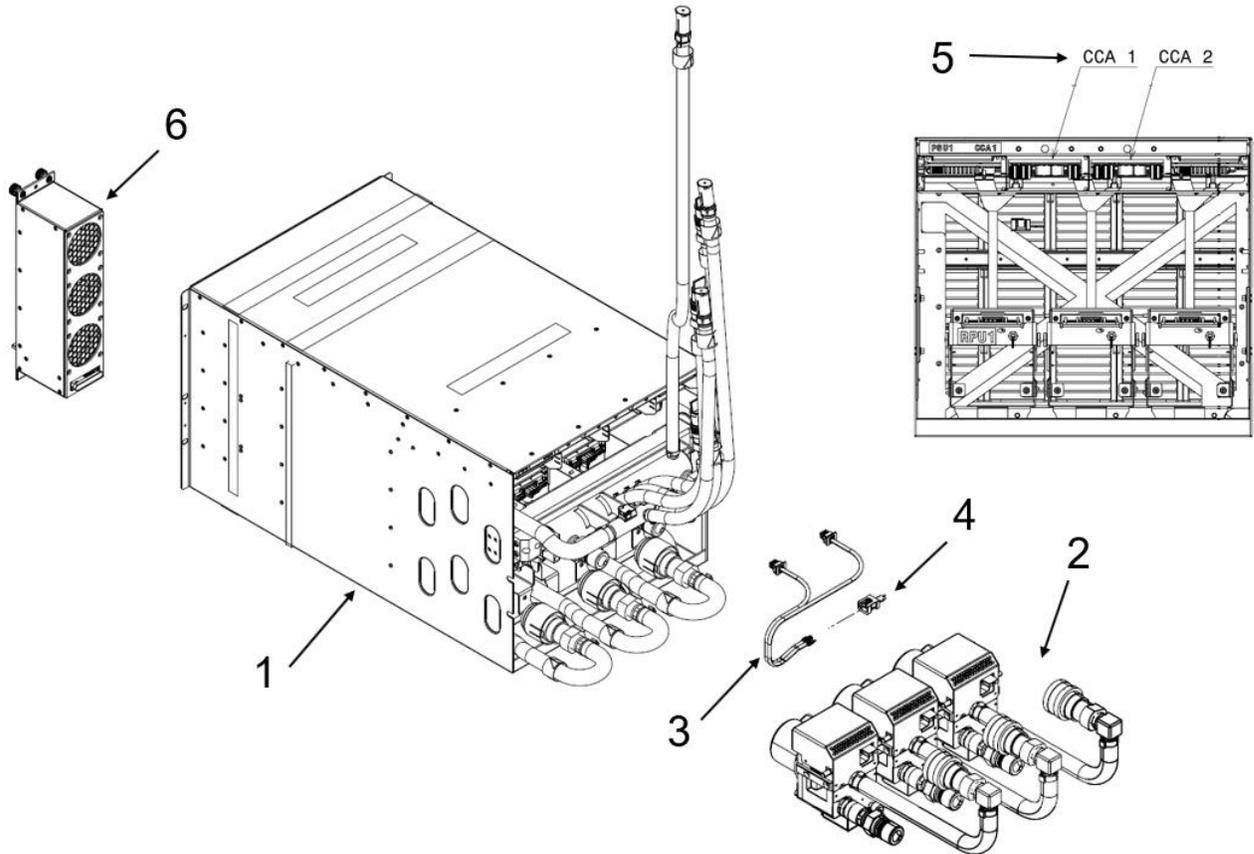
Index	Part Number	Units	Description
1	03FM417	AR	Internal Battery Feature (IBF)
2	03FM241	AR	Internal Battery Enclosure (IBE)

Assembly 7: A or B frame assembly, manifolds, reservoir



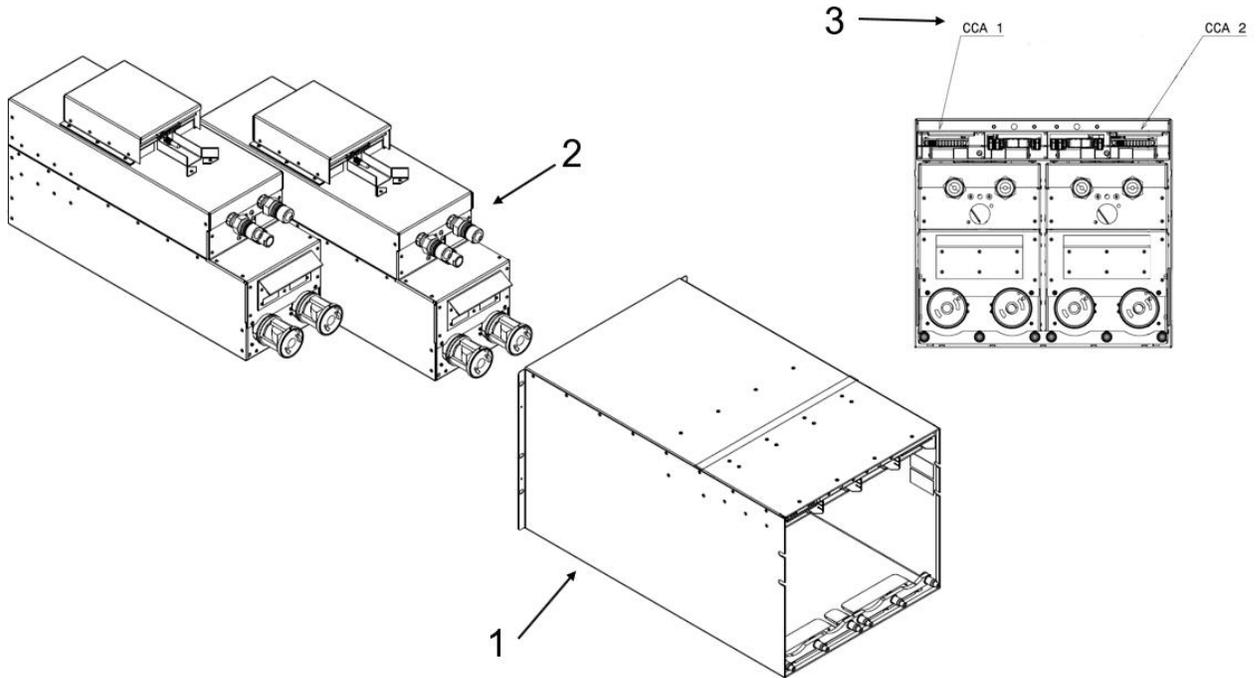
Index	Part Number	Units	Description
1	02WN868	1	Reservoir
2	02WN981	1	Manifold Assembly (for WCU only; RCU has hoses attached) Use 74F1823 (4) nut clip Use 46K4284 (4) screw
3	02WN339	1	Wiring Harness (for WCU only)
4	02ED114	1	Thermistor

Assembly 8: Radiator Cooling Unit (RCU) assembly



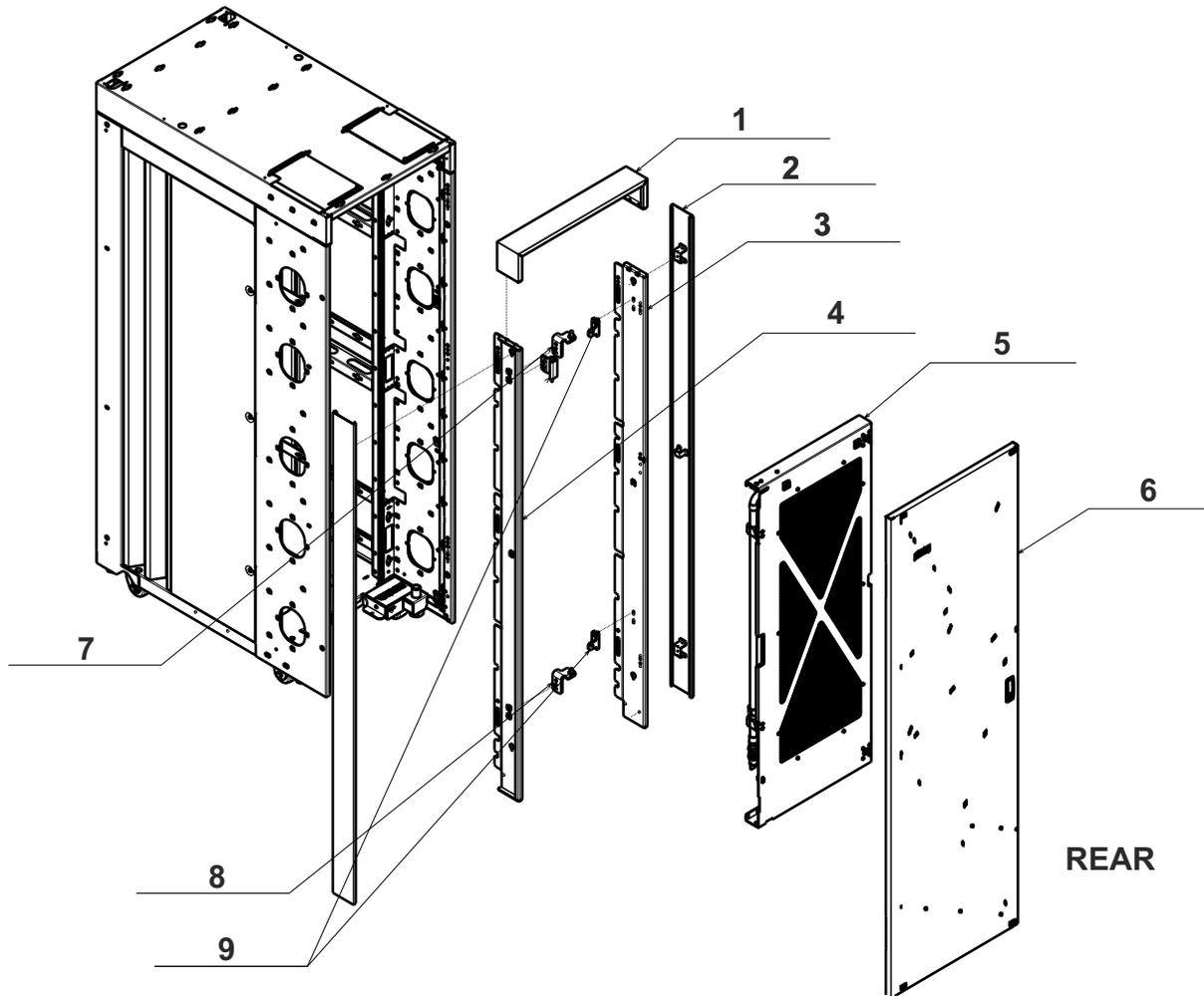
Index	Part Number	Units	Description
1	02WN867	1	Radiator Enclosure
2	02ED110	3	Radiator Pump Unit
3	02ED109	1	Thermistor Cable
4	02ED114	1	Thermistor
5	02WN699	2	CCA
6	02WN697	5	Cooling Fan Assembly

Assembly 9: Water Cooling Unit (WCU) assembly



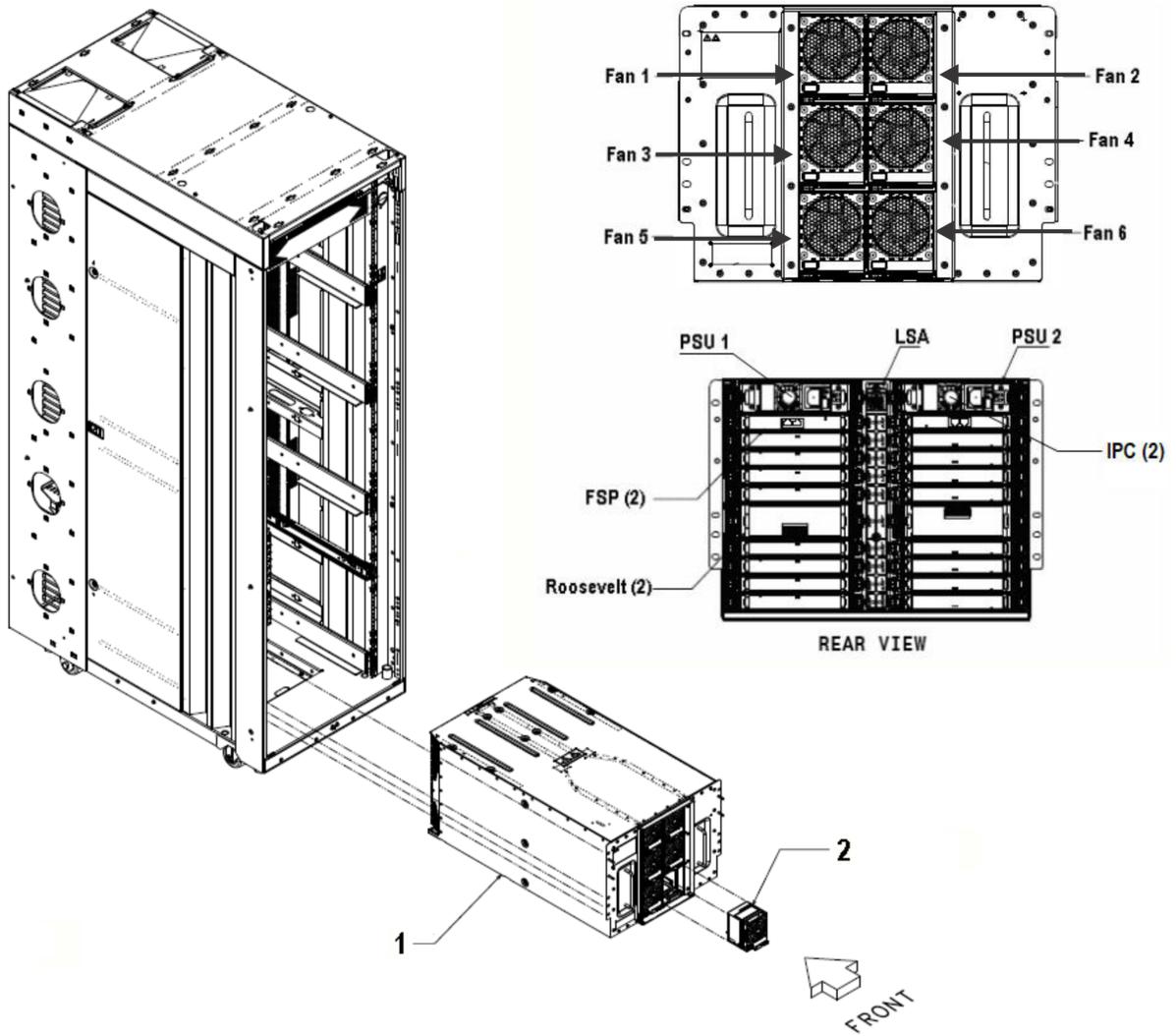
Index	Part Number	Units	Description
1	02WN476	1	WCU Enclosure
2	02WN912	2	Water Cooling Unit
3	02WN699	2	CCA

Assembly 10: In door heat exchanger and frame extenders



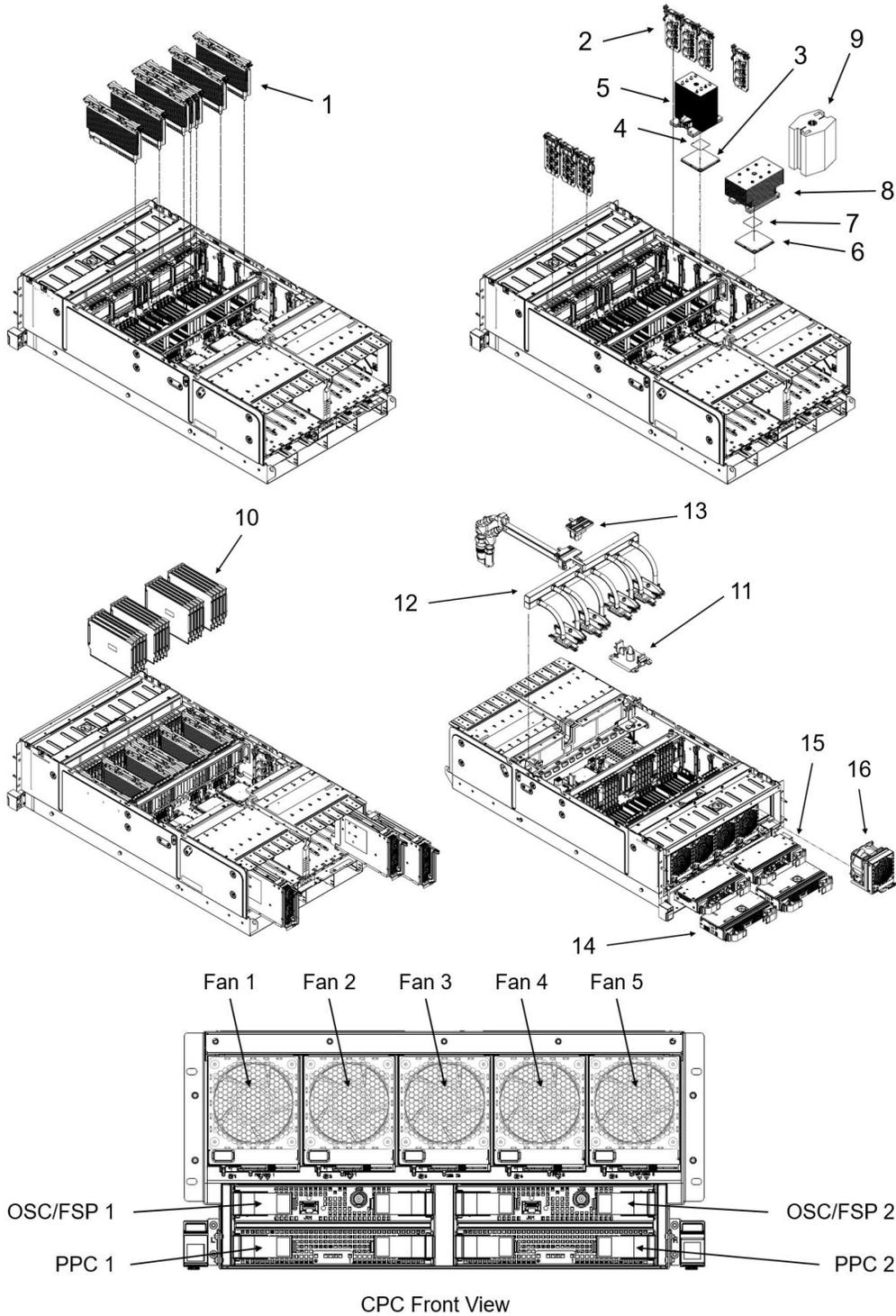
Index	Part Number	Units	Description
1	01PP973	1	Extender, Top - Use 46K4284, (4) Screw
2	02WN857	2	Extender, Side Cover - Use 46K4284, (4) Screw
3	01PP971	1	Extender, Side Right - Use 46K4337, (3) Screw
4	01PP972	1	Extender, Side Left - Use 46K4337, (3) Screw
5	02WN390	1	Heat Exchanger
6	01PP001	1	Rear cover
7	02EC117	1	Hinge - Use 46K4284, (2) Screw
8	02EC118	1	Hinge - Use 46K4284, (2) Screw
9	02EC123	2	Latch - Use 46K4284, (4) Screw

Assembly 11: PCIe+ I/O drawer assembly



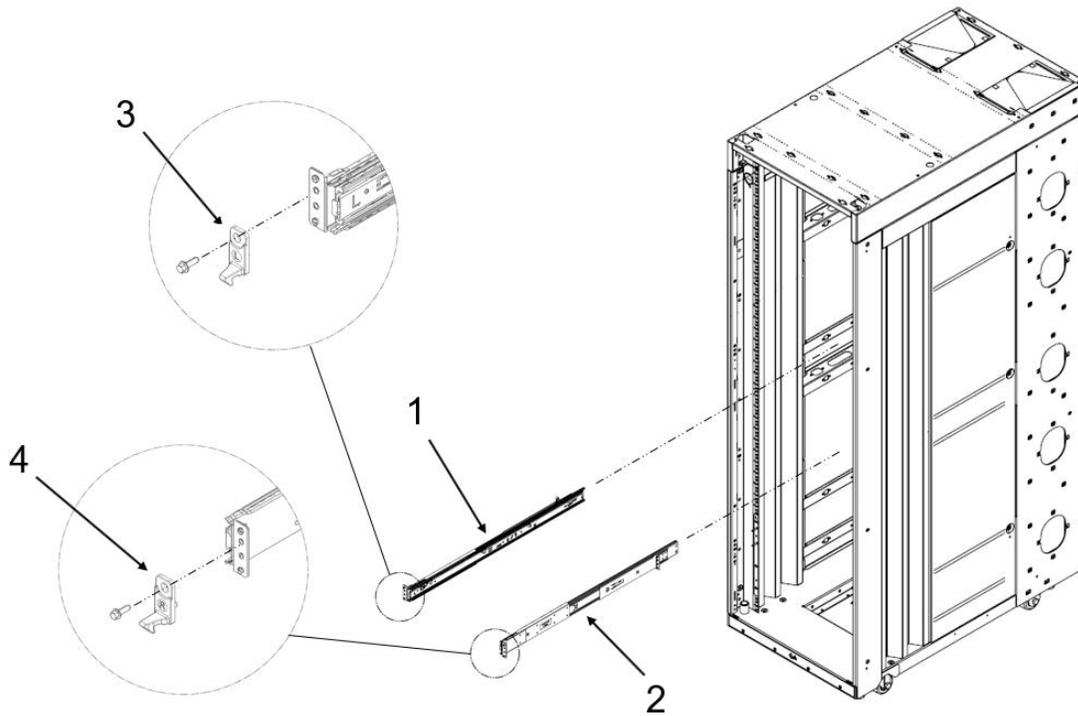
Index	Part Number	Units	Description
1	02WN931	1 - 12	PCIe+ I/O Drawer
2	02ED368	6	Fan

Assembly 12: CPC drawer assembly



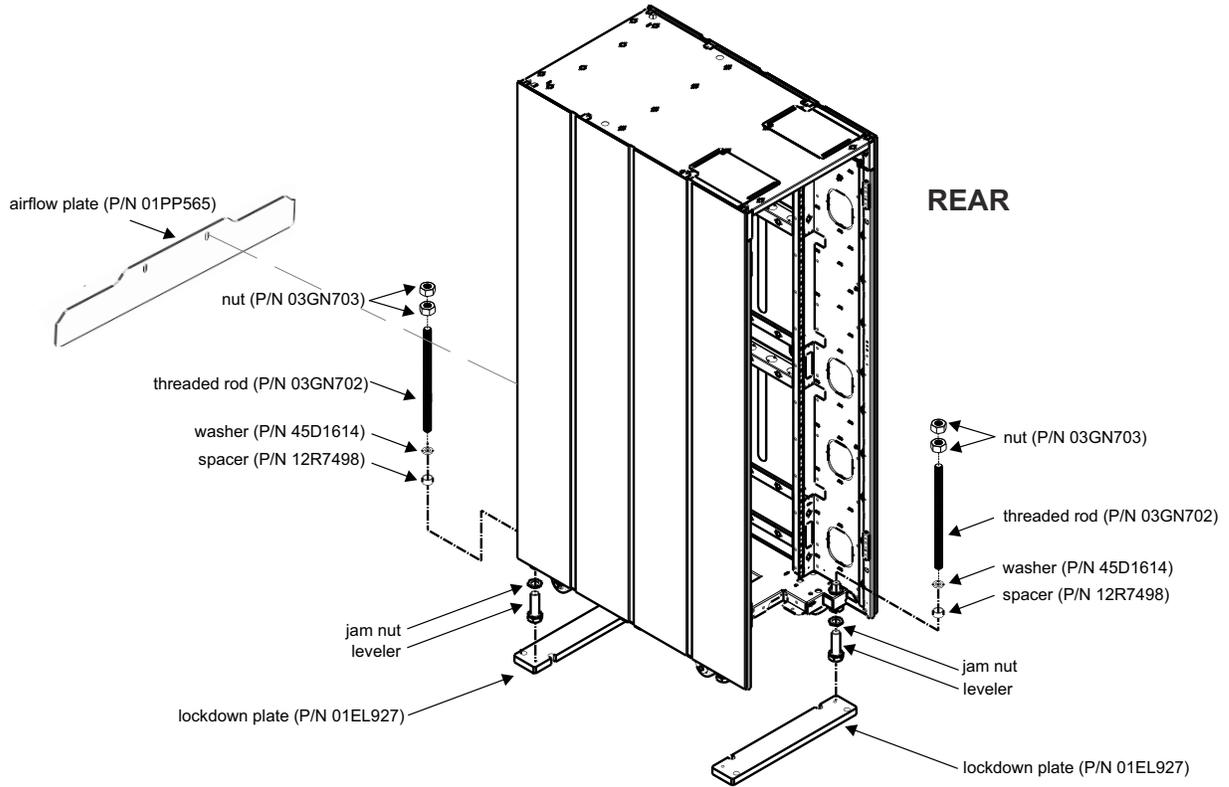
<i>Table 2. Assembly 12: CPC drawer assembly</i>			
Index	Part Number	Units	Description
1	02EC650	7	POL Card
2	02WN508	6-7	VRS Card
3	-	1-4	CP Logic Module
4	01EL446	1-4	Indium Foil TIM
5	00LV507	1-4	CP Heat Sink
6	-	1	SC Logic Module
7	01EL446	1	Indium Foil TIM
8	02EA716	1	SC Heat Sink
9	02EA592	AR	Dummy Heat Sink
10	-	AR	DIMM Card
11	01KL620	AR	LGA Cover Assembly
12	02WN972	1	Cold Plate Manifold Assembly
13	02EC289	1	Bridge Block Filler Assembly
14	02WN510	2	PPC Assembly
15	00L5430	2	OSC / FSP Assembly
16	02ED368	5	Fan

Assembly 13: CPC rails



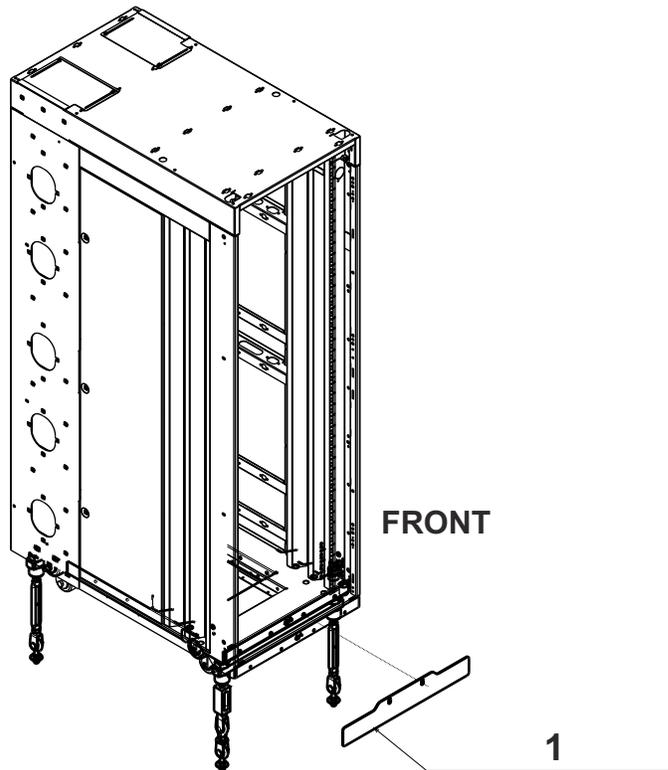
Asm-Index	Part Number	Units	Description
1	02DE500	1	CPC Rail, Left Use 46K4284, (4) Screw
2	02DE501	1	CPC Rail, Right Use 46K4284, (4) Screw
3	02DE511	1	Latch, Left Use 46K4284, (1) Screw
4	02DE510	1	Latch, Right Use 46K4284, (1) Screw

Assembly 14: Earthquake Kit, frame tie down, non-raised floor



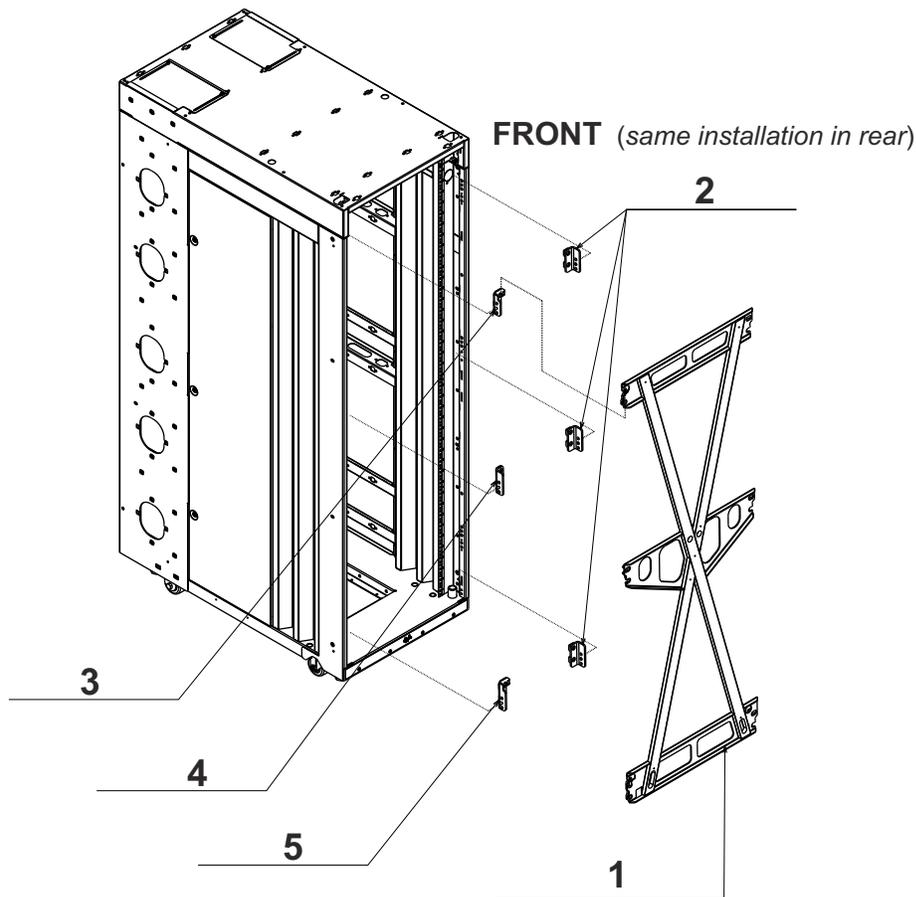
Index	Part Number	Units	Description
-	01EL923	AR	Earthquake Kit, frame tie down (non-raised floor)
-	01EL927	2	Lockdown plate
-	03GN702	4	Threaded rod
-	03GN703	8	Nut
-	45D1614	4	Washer
-	12R7498	4	Spacer
-	01PP565	1	Airflow plate Use 01KL446, (2) M6 Flathead Screw

Assembly 15: Earthquake Kit, frame tie down, raised floor



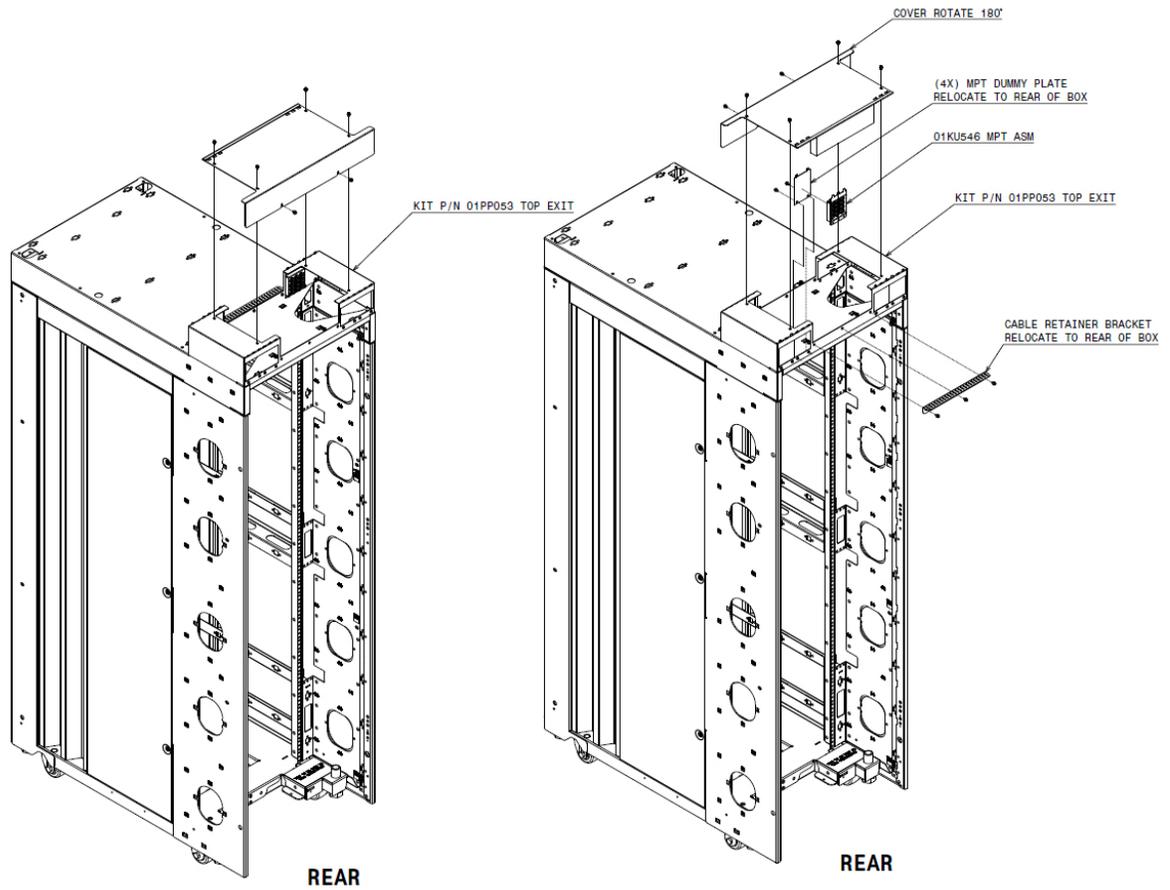
Index	Part Number	Units	Description
-	02WN693	AR	Earthquake Kit, frame tie down (non-raised floor)
1	01KL479	1	Airflow plate Use 01KL446, (2) M6x10 Flathead screw

Assembly 16: Earthquake Kit, frame stiffening assembly



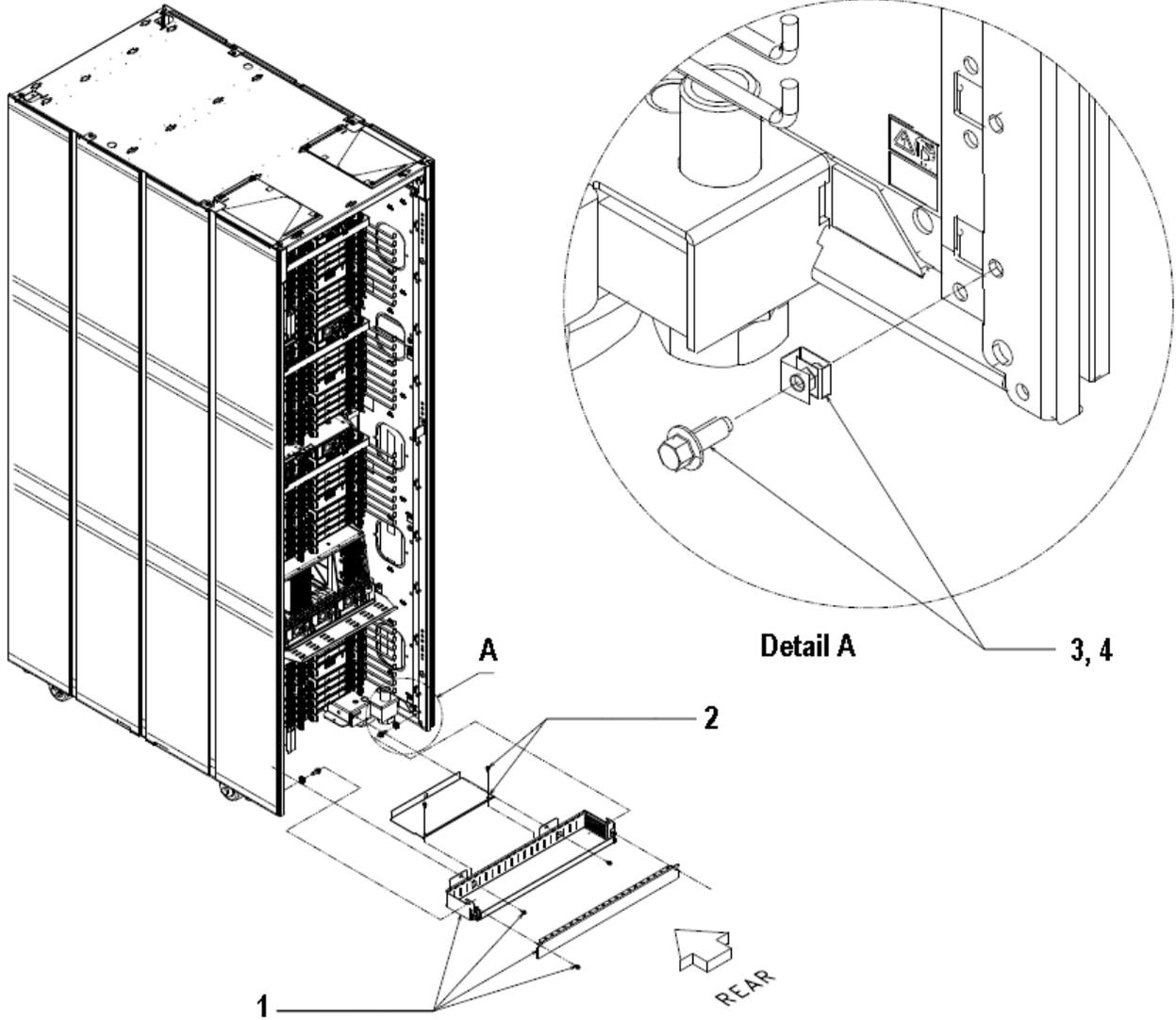
Index	Part Number	Units	Description
1	02EA977	1	Frame stiffener bracket - Use 01KV711, (11) screw
2	01EL908	3	Latch bracket, latch side - Use 46K4337, (6) screw
3	01KV358	1	Hinge bracket, hinge side - Use 46K4337, (2) screw
4	01KU054	1	Latch bracket, hinge side - Use 46K4337, (2) screw
5	01KV643	1	Hinge bracket, bottom - Use 46K4337, (2) screw

Assembly 17: Top exit I/O mounting



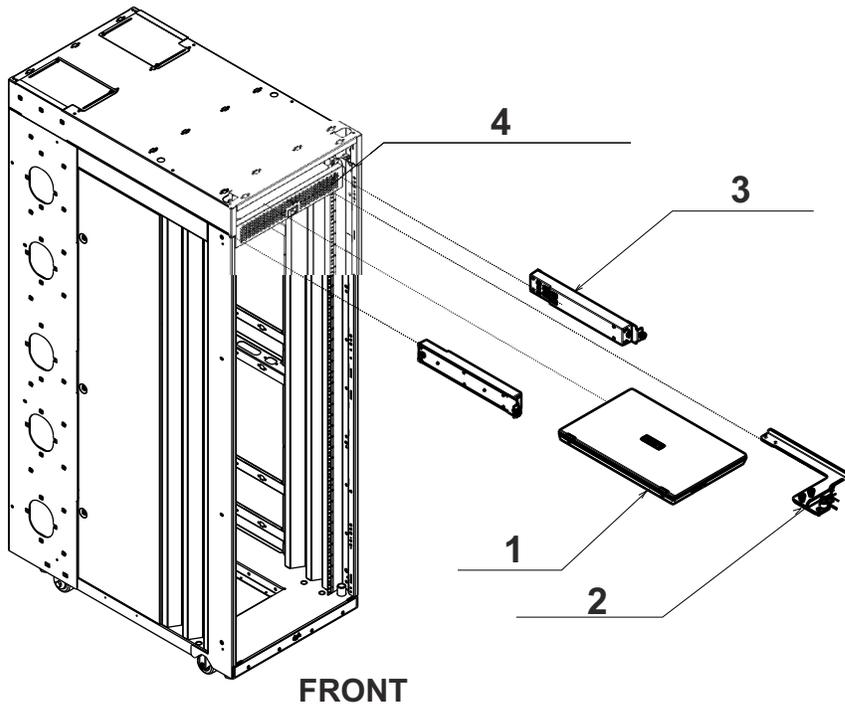
Index	Part Number	Units	Description
-	01PP053	1	Top Exit I/O, assembly Use 1624775, (6) Screw

Assembly 18: Raised floor tailgate mounting



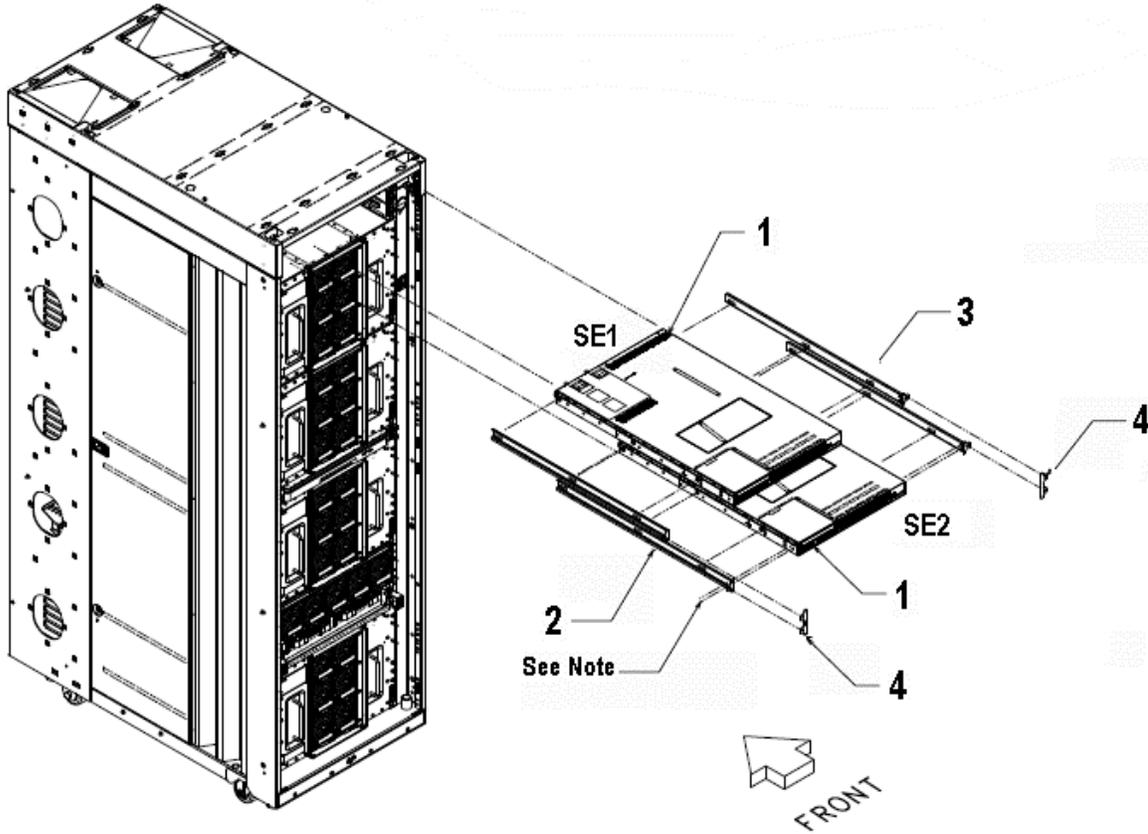
Index	Part Number	Units	Description
1	02ED452	1	Tailgate Kit - Use 46K4282, (4) screw
2	01KU403	1	Filler plate, Tailgate - Use 46K4282, (2) screw
3	00N8709	2	Nut clip
4	46K4308	2	Screw

Assembly 19: Compact KMM (keyboard, monitor, mouse) assembly



Index	Part Number	Units	Description
1	02WN858	1	Compact Keyboard/Monitor/Mouse (KMM)
2	02WN479	1	Support arm hardware
3	02WN859	2	Interface Adapter/Hub
4	02WN767	1	KMM Storage box cover

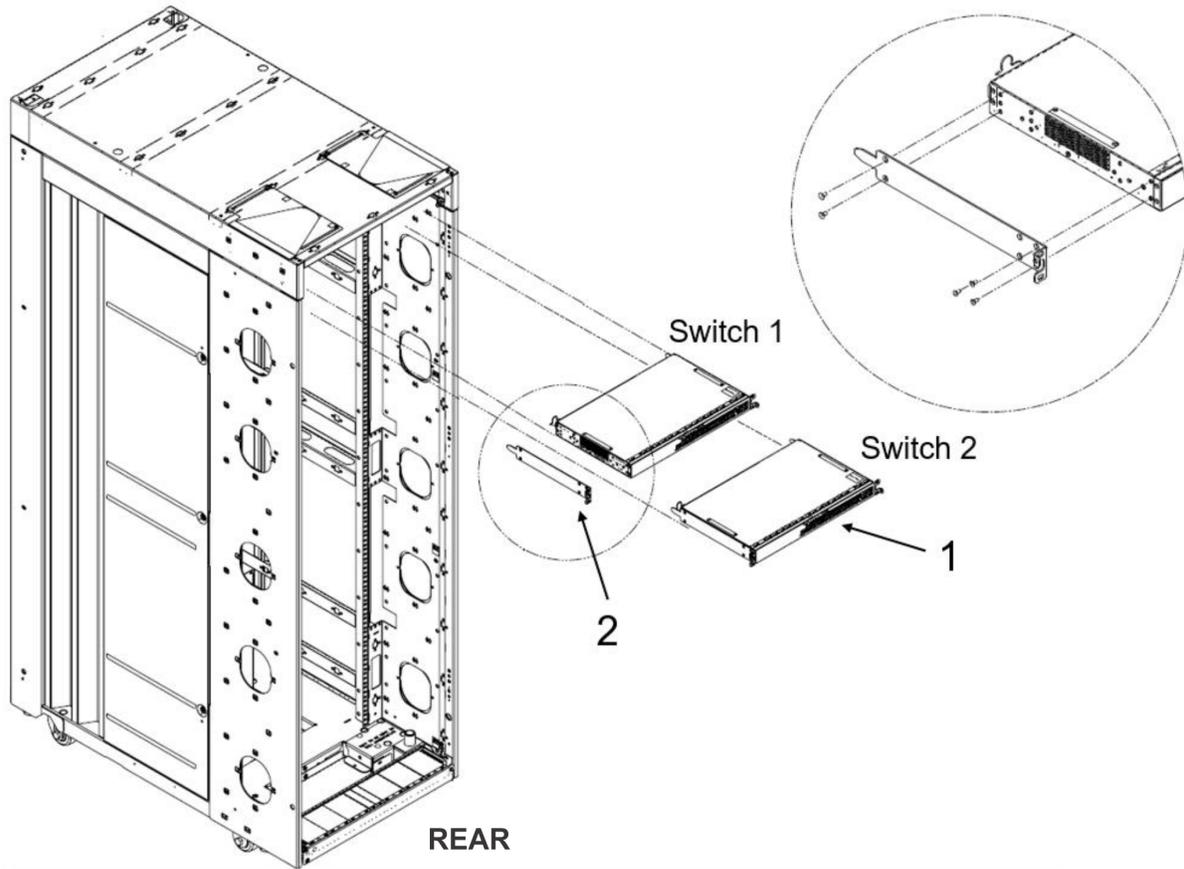
Assembly 20: Support Elements



Index	Part Number	Units	Description
1	00RY862	2	Support Element Server, Front, A Frame <i>Use 46K4284 (8) Screw</i>
2	02EA717	2	Support Element Rail, Left <i>Use 46K4284 (2) Screw (no Nut Clip on left rail)</i>
3	02EA717	2	Support Element Rail, Right <i>Use 46K4284 (2) Screw, 74F1823 (2) Nut Clip</i>
4	01KV745	2	Bracket <i>Use 46K4284 (2) Screw</i>

Note: Reuse screw (2) from kit.

Assembly 21: Ethernet Switches



Index	Part Number	Units	Description
1	03FM460	2 or 4	Ethernet Switch
2	01KV440	4 or 8	Bracket Use 74Y1262, (10) Screw

Chapter 3. Cable guide

Assembly 21: Power cords

<i>Table 3. Power cords (PDU)</i>			
Index	Part Number	Units	Description
30 amp / 400V AC power cord - WYE			
-	03FM499	AR	Power Cord, 14ft, USA, CNN, Japan, Three-Phase 30A / 400V AC, Hubbell Plug, IEC 309, 4P-5W
32 amp / 380 - 415V AC power cord - WYE			
-	03FM500	AR	Power Cord, 14ft, World Trade, Three-Phase 32A / 380-415V AC, Cut End
-	03FM501	AR	Power Cord, 14ft, World Trade, Three-Phase 32A / 380-415V AC (LZSH), Cut End, low smoke, halogen-free
60 amp / 250V AC power cord - Delta			
-	03FM494	AR	Power Cord, 14ft, USA, CNN, Japan, Three-Phase 60A / 250V AC, Hubbell Plug, IEC 309,3P-4W
-	03FM495	AR	Power Cord, 14ft, World Trade, Three-Phase 60A / 250V AC, Cut End
-	03FM496	AR	Power Cord, 14ft, World Trade, Three-Phase 60A / 250V AC, Cut End, low smoke, halogen-free

<i>Table 4. Power cords (BPA)</i>			
Index	Part Number	Units	Description
60 amp / 250V AC power cord			
-	03FM139	AR	Power Cord, 14ft, USA, CNN, Japan, Three-Phase 60A / 250V AC, Hubbell Plug
-	03FM140	AR	Power Cord, 14ft, World Trade, Three-Phase 60A / 250V AC, Cut End
-	03FM141	AR	Power Cord, 14ft, World Trade, Three-Phase 60A / 250V AC, Cut End, low smoke, halogen-free
30 amp / 400V AC power cord			
-	03FM143	AR	Power Cord, 14ft, USA, CNN, Japan, Three-Phase 30/32A / 400V AC, Hubbell Plug
32 amp / 380 - 415V AC power cord			
-	03FM144	AR	Power Cord, 14ft, World Trade, Three-Phase 32A / 380-415V AC, Cut End
-	03FM145	AR	Power Cord, 14ft, World Trade, Three-Phase 32A / 380-415V AC, Cut End, low smoke, halogen-free
30 amp / 480V AC power cord			
	03FM146	AR	Power Cord, 14ft, USA, CNN, Japan, Three-Phase 30A / 480V AC, Hubbell Plug

Assembly 22: Cable assemblies

- [“Assembly 22.1: Cable assemblies \(PDU\)” on page 28](#)
- [“Assembly 22.2: Cable assemblies \(BPA\)” on page 38](#)
- [“Assembly 22.3: Cable assemblies \(Miscellaneous\)” on page 48](#)

Assembly 22.1: Cable assemblies (PDU)

- Cable assemblies (PDU) - A frame, see [Table 5 on page 29](#)
- Cable assemblies (PDU) - Z frame, see [Table 6 on page 32](#)
- Cable assemblies (PDU) - B frame, see [Table 7 on page 33](#)
- Cable assemblies (PDU) - C frame *without* B frame present, see [Table 8 on page 35](#)
- Cable assemblies (PDU) - C frame *with* B frame present, see [Table 9 on page 37](#)

<i>Table 5. Cable assemblies (PDU) - A frame</i>			
Index	Part Number	Units	Description
Servers and switches (red)			
-	02EC513	AR	Cable Assembly: Switch #1 P05 to Switch #2 P05
-	02EC514	AR	Cable Assembly: Switch #1 P06 to Switch #2 P06
-	02WN458	AR	Cable Assembly: Switch #1 P15 to SE Server #1 (A42) MGMT1
-	02WN459	AR	Cable Assembly: Switch #1 P17 to SE Server #1 (A42) LAN1
-	02WN460	AR	Cable Assembly: Switch #2 P15 to SE Server #1 (A42) MGMT2
-	02WN461	AR	Cable Assembly: Switch #2 P17 to SE Server #1 (A42) LAN2
-	02WN462	AR	Cable Assembly: Switch #1 P16 to SE Server #2 (A41) MGMT1
-	02WN463	AR	Cable Assembly: Switch #1 P18 to SE Server #2 (A41) LAN1
-	02WN464	AR	Cable Assembly: Switch #2 P16 to SE Server #2 (A41) MGMT2
-	02WN465	AR	Cable Assembly: Switch #2 P18 to SE Server #2 (A41) LAN2
-	02EC523	AR	Cable Assembly: Switch #1 P04 to iPDU #1 (ET)
-	02EC524	AR	Cable Assembly: Switch #2 P04 to iPDU #2 (ET)
-	02EC525	AR	Cable Assembly: Switch #1 P03 to iPDU #3 (ET)
-	02EC526	AR	Cable Assembly: Switch #2 P03 to iPDU #4 (ET)
Power (red)			
-	02EC666	AR	Cable Assembly: SE Server #1 (A42) PSU2 to iPDU1-P01
-	02EC667	AR	Cable Assembly: SE Server #1 (A42) PSU1 to iPDU2-P01
-	02EC668	AR	Cable Assembly: SE Server #2 (A41) PSU2 to iPDU1-P02
-	02EC669	AR	Cable Assembly: SE Server #2 (A41) PSU1 to iPDU2-P02
-	02EC725	AR	Cable Assembly: Switch #1 (A40) PWR to iPDU2-P03
-	02EC726	AR	Cable Assembly: Switch #2 (A39) PWR to iPDU1-P03
Radiator (red)			
-	02WN734	AR	Cable Assembly: Switch #1 P19 to Rad CCA1-P03 (FSP1)
-	02WN735	AR	Cable Assembly: Switch #2 P19 to Rad CCA2-P03 (FSP2)
-	02EC715	AR	Cable Assembly: iPDU1-P09 to PSU1
-	02EC716	AR	Cable Assembly: iPDU2-P09 to PSU2
CPC0 (red) A10			
-	03FM165	AR	Cable Assembly: Switch #1 P09 to H101-P01 (FSP1)
-	03FM166	AR	Cable Assembly: Switch #2 P09 to H102 P01 (FSP2)

<i>Table 5. Cable assemblies (PDU) - A frame (continued)</i>			
Index	Part Number	Units	Description
-	02EC695	AR	Cable Assembly: iPDU1-P06 to PSU1
-	02EC696	AR	Cable Assembly: iPDU2-P06 to PSU4
-	02EC697	AR	Cable Assembly: iPDU1-P08 to PSU2
-	02EC698	AR	Cable Assembly: iPDU2-P08 to PSU3
CPC1 (blue) A15			
-	03FM167	AR	Cable Assembly: Switch #1 P14 to H101-P01 (FSP1)
-	03FM168	AR	Cable Assembly: Switch #2 P14 to H102-P01 (FSP2)
-	02EC699	AR	Cable Assembly: iPDU3-P08 to PSU1
-	02EC700	AR	Cable Assembly: iPDU4-P08 to PSU4
-	02WN756	AR	Cable Assembly: iPDU3-P09 to PSU2
-	02WN757	AR	Cable Assembly: iPDU4-P09 to PSU3
CPC2 (yellow) A20			
-	03FM169	AR	Cable Assembly: Switch #1 P11 to H101-P01 (FSP1)
-	03FM170	AR	Cable Assembly: Switch #2 P11 to H102-P01 (FSP2)
-	02EC703	AR	Cable Assembly: iPDU3-P05 to PSU1
-	02EC704	AR	Cable Assembly: iPDU4-P05 to PSU4
-	02WN828	AR	Cable Assembly: iPDU3-P06 to PSU2
-	02WN829	AR	Cable Assembly: iPDU4-P06 to PSU3
PCIe+ I/O Drawer 1 - A15 (blue)			
-	03FM175	AR	Cable Assembly: Switch #1 P14 to LG01-P01 (FSP1)
-	03FM177	AR	Cable Assembly: Switch #2 P14 to LG11-P01 (FSP2)
-	02EC670	AR	Cable Assembly: iPDU1-P07 to PSU1
-	02EC671	AR	Cable Assembly: iPDU2-P07 to PSU2
PCIe+ I/O Drawer 3 - A23 (yellow)			
-	03FM178	AR	Cable Assembly: Switch #1 P11 to LG01-P01 (FSP1)
-	03FM179	AR	Cable Assembly: Switch #2 P11 to LG11-P01 (FSP2)
-	02EC672	AR	Cable Assembly: iPDU1-P05 to PSU1
-	02EC673	AR	Cable Assembly: iPDU2-P05 to PSU2
PCIe+ I/O Drawer 4 - A31 (green)			
-	03FM180	AR	Cable Assembly: Switch #1 P12 to LG01-P01 (FSP1)
-	03FM181	AR	Cable Assembly: Switch #2 P12 to LG11-P01 (FSP2)
-	02EC674	AR	Cable Assembly: iPDU1-P04 to PSU1

Table 5. Cable assemblies (PDU) - A frame (continued)

Index	Part Number	Units	Description
-	02EC675	AR	Cable Assembly: iPDU2-P04 to PSU2

<i>Table 6. Cable assemblies (PDU) - Z frame</i>			
Index	Part Number	Units	Description
PCIe+ I/O Drawer 5 - Z01 (red)			
-	03FM184	AR	Cable Assembly: Switch #1 P24 to LG01-P01 (FSP1)
-	03FM185	AR	Cable Assembly: Switch #2 P24 to LG11-P01 (FSP2)
-	02WN776	AR	Cable Assembly: iPDU3-P01 (A Frame) to PSU1
-	02WN777	AR	Cable Assembly: iPDU4-P01 (A Frame) to PSU2
PCIe+ I/O Drawer 6 - Z09 (yellow)			
-	03FM186	AR	Cable Assembly: Switch #1 P23 to LG01-P01 (FSP1)
-	03FM187	AR	Cable Assembly: Switch #2 P23 to LG11-P01 (FSP2)
-	02WN778	AR	Cable Assembly: iPDU3-P02 (A Frame) to PSU1
-	02WN779	AR	Cable Assembly: iPDU4-P02 (A Frame) to PSU2
PCIe+ I/O Drawer 7 - Z17 (blue)			
-	03FM188	AR	Cable Assembly: Switch #1 P22 to LG01-P01 (FSP1)
-	03FM189	AR	Cable Assembly: Switch #2 P22 to LG11-P01 (FSP2)
-	03FM432	AR	Cable Assembly: iPDU3-P03 (A Frame) to PSU1
-	03FM433	AR	Cable Assembly: iPDU4-P03 (A Frame) to PSU2
PCIe+ I/O Drawer 8 - Z25 (purple)			
-	03FM190	AR	Cable Assembly: Switch #1 P21 to LG01-P01 (FSP1)
-	03FM191	AR	Cable Assembly: Switch #2 P21 to LG11-P01 (FSP2)
-	02WN782	AR	Cable Assembly: iPDU3-P04 (A Frame) to PSU1
-	02WN783	AR	Cable Assembly: iPDU4-P04 (A Frame) to PSU2
PCIe+ I/O Drawer 9 - Z33 (green)			
-	03FM516	AR	Cable Assembly: Switch #1 P20 to LG01-P01 (FSP1)
-	03FM517	AR	Cable Assembly: Switch #2 P20 to LG11-P01 (FSP2)
-	02WN784	AR	Cable Assembly: iPDU3-P07 (A Frame) to PSU1
-	02WN785	AR	Cable Assembly: iPDU4-P07 (A Frame) to PSU2

<i>Table 7. Cable assemblies (PDU) - B frame</i>			
Index	Part Number	Units	Description
Switches (red)			
-	02EC589	AR	Cable Assembly: Switch #1 P01 to Switch #3 P23
-	02EC590	AR	Cable Assembly: Switch #1 P02 to Switch #3 P24
-	02EC591	AR	Cable Assembly: Switch #2 P01 to Switch #4 P23
-	02EC592	AR	Cable Assembly: Switch #2 P02 to Switch #4 P24
-	02EC593	AR	Cable Assembly: Switch #3 P05 to Switch #4 P05
-	02EC594	AR	Cable Assembly: Switch #3 P06 to Switch #4 P06
-	02EC595	AR	Cable Assembly: Switch #3 P19 to iPDU #1 (ET)
-	02EC596	AR	Cable Assembly: Switch #4 P19 to iPDU #2 (ET)
Power (red)			
-	02EC727	AR	Cable Assembly: Switch #3 (A40) PWR to iPDU2-P03
-	02EC728	AR	Cable Assembly: Switch #4 (A39) PWR to iPDU1-P03
Radiator (red)			
-	02WN736	AR	Cable Assembly: Switch #3 P21 to Rad CCA1-P03 (FSP1)
-	02WN737	AR	Cable Assembly: Switch #4 P21 to Rad CCA2-P03 (FSP1)
-	02EC717	AR	Cable Assembly: iPDU1-P09 to PSU1
-	02EC718	AR	Cable Assembly: iPDU2-P09 to PSU2
CPC3 (red) B10			
-	03FM171	AR	Cable Assembly: Switch #3 P17 to OSCFSP0-P01 (FSP1)
-	03FM172	AR	Cable Assembly: Switch #4 P17 to OSCFSP1-P01 (FSP1)
-	02EC707	AR	Cable Assembly: iPDU1-P06 to PSU1
-	02EC708	AR	Cable Assembly: iPDU2-P06 to PSU4
-	02EC709	AR	Cable Assembly: iPDU1-P08 to PSU2
-	02EC710	AR	Cable Assembly: iPDU2-P08 to PSU3
CPC4 (blue) B15			
-	03FM173	AR	Cable Assembly: Switch #3 P18 to OSCFSP0-P01 (FSP1)
-	03FM174	AR	Cable Assembly: Switch #4 P18 to OSCFSP1-P01 (FSP1)
-	02WN797	AR	Cable Assembly: iPDU1-P02 to PSU1
-	03FM363	AR	Cable Assembly: iPDU2-P02 to PSU4
-	03FM364	AR	Cable Assembly: iPDU1-P05 to PSU2
-	02WN800	AR	Cable Assembly: iPDU2-P05 to PSU3

<i>Table 7. Cable assemblies (PDU) - B frame (continued)</i>			
Index	Part Number	Units	Description
PCIe+ I/O Drawer 10 - B17 (blue)			
-	03FM198	AR	Cable Assembly: Switch #3 P22 to LG01-P01 (FSP1)
-	03FM199	AR	Cable Assembly: Switch #4 P22 to LG11-P01 (FSP2)
-	02EC738	AR	Cable Assembly: iPDU1-P07 to PSU1
-	02EC739	AR	Cable Assembly: iPDU2-P07 to PSU2
PCIe+ I/O Drawer 11 - B25 (yellow)			
-	03FM200	AR	Cable Assembly: Switch #3 P20 to LG01-P01 (FSP1)
-	03FM201	AR	Cable Assembly: Switch #4 P20 to LG11-P01 (FSP2)
-	02EC740	AR	Cable Assembly: iPDU1-P04 to PSU1
-	02EC741	AR	Cable Assembly: iPDU2-P04 to PSU2
PCIe+ I/O Drawer 12 - B33 (green)			
-	03FM202	AR	Cable Assembly: Switch #3 P15 to LG01-P01 (FSP1)
-	03FM203	AR	Cable Assembly: Switch #4 P15 to LG11-P01 (FSP2)
-	02EC742	AR	Cable Assembly: iPDU1-P01 to PSU1
-	02EC743	AR	Cable Assembly: iPDU2-P01 to PSU2

<i>Table 8. Cable assemblies (PDU) - C frame, without B frame present</i>			
Index	Part Number	Units	Description
Switches (red)			
-	02EC620	AR	Cable Assembly: Switch #1 P01 to Switch #3 P23
-	02EC621	AR	Cable Assembly: Switch #1 P02 to Switch #3 P24
-	02EC622	AR	Cable Assembly: Switch #2 P01 to Switch #4 P23
-	02EC623	AR	Cable Assembly: Switch #2 P02 to Switch #4 P24
-	02EC624	AR	Cable Assembly: Switch #3 P05 to Switch #4 P05
-	02EC625	AR	Cable Assembly: Switch #3 P06 to Switch #4 P06
-	02EC626	AR	Cable Assembly: Switch #3 P03 to iPDU #1 (ET)
-	02EC627	AR	Cable Assembly: Switch #4 P03 to iPDU #2 (ET)
Power (red)			
-	02EC729	AR	Cable Assembly: Switch #3 (A40) PWR to iPDU2-P03
-	02EC730	AR	Cable Assembly: Switch #4 (A39) PWR to iPDU1-P03
PCIe+ I/O Drawer 13 - C01 (red)			
-	03FM204	AR	Cable Assembly: Switch #3 P16 to LG01-P01 (FSP1)
-	03FM205	AR	Cable Assembly: Switch #4 P16 to LG11-P02 (FSP2)
-	02EC744	AR	Cable Assembly: iPDU1-P08 to PSU1
-	02EC745	AR	Cable Assembly: iPDU2-P08 to PSU2
PCIe+ I/O Drawer 14 - C09 (yellow)			
-	03FM206	AR	Cable Assembly: Switch #3 P13 to LG01-P01 (FSP1)
-	03FM207	AR	Cable Assembly: Switch #4 P13 to LG11-P02 (FSP2)
-	02WN830	AR	Cable Assembly: iPDU1-P07 to PSU1
-	02EC747	AR	Cable Assembly: iPDU2-P07 to PSU2
PCIe+ I/O Drawer 15 - C17 (blue)			
-	03FM208	AR	Cable Assembly: Switch #3 P14 to LG01-P01 (FSP1)
-	03FM209	AR	Cable Assembly: Switch #4 P14 to LG11-P02 (FSP2)
-	02EC748	AR	Cable Assembly: iPDU1-P06 to PSU1
-	02EC749	AR	Cable Assembly: iPDU2-P06 to PSU2
PCIe+ I/O Drawer 16 - C25 (purple)			
-	03FM210	AR	Cable Assembly: Switch #3 P11 to LG01-P01 (FSP1)
-	03FM211	AR	Cable Assembly: Switch #4 P11 to LG11-P01 (FSP2)
-	02EC750	AR	Cable Assembly: iPDU1-P05 to PSU1

<i>Table 8. Cable assemblies (PDU) - C frame, without B frame present (continued)</i>			
Index	Part Number	Units	Description
-	02EC751	AR	Cable Assembly: iPDU2-P05 to PSU2
PCIe+ I/O Drawer 17 - C33 (green)			
-	03FM212	AR	Cable Assembly: Switch #3 P12 to LG01-P01 (FSP1)
-	03FM213	AR	Cable Assembly: Switch #4 P12 to LG11-P01 (FSP2)
-	02EC752	AR	Cable Assembly: iPDU1-P02 to PSU1
-	02EC753	AR	Cable Assembly: iPDU2-P02 to PSU2

<i>Table 9. Cable assemblies (PDU) - C frame, with B frame present</i>			
Index	Part Number	Units	Description
Switches (red)			
-	02EC646	AR	Cable Assembly: Switch #3 P03 to iPDU #1 (ET)
-	02EC647	AR	Cable Assembly: Switch #4 P03 to iPDU #2 (ET)
PCIe+ I/O Drawer 13 - C01 (red)			
-	03FM214	AR	Cable Assembly: Switch #3 P16 to LG01-P01 (FSP1)
-	03FM215	AR	Cable Assembly: Switch #4 P16 to LG11-P02 (FSP2)
-	02EC744	AR	Cable Assembly: iPDU1-P08 to PSU1
-	02EC745	AR	Cable Assembly: iPDU2-P08 to PSU2
PCIe+ I/O Drawer 14 - C09 (yellow)			
-	03FM216	AR	Cable Assembly: Switch #3 P13 to LG01-P01 (FSP1)
-	03FM217	AR	Cable Assembly: Switch #4 P13 to LG11-P02 (FSP2)
-	02WN830	AR	Cable Assembly: iPDU1-P07 to PSU1
-	02EC747	AR	Cable Assembly: iPDU2-P07 to PSU2
PCIe+ I/O Drawer 15 - C17 (blue)			
-	03FM218	AR	Cable Assembly: Switch #3 P14 to LG01-P01 (FSP1)
-	03FM219	AR	Cable Assembly: Switch #4 P14 to LG11-P02 (FSP2)
-	02EC748	AR	Cable Assembly: iPDU1-P06 to PSU1
-	02EC749	AR	Cable Assembly: iPDU2-P06 to PSU2
PCIe+ I/O Drawer 16 - C25 (purple)			
-	03FM220	AR	Cable Assembly: Switch #3 P11 to LG01-P01 (FSP1)
-	03FM221	AR	Cable Assembly: Switch #4 P11 to LG11-P02 (FSP2)
-	02EC750	AR	Cable Assembly: iPDU1-P05 to PSU1
-	02EC751	AR	Cable Assembly: iPDU2-P05 to PSU2
PCIe+ I/O Drawer 17 - C33 (green)			
-	03FM222	AR	Cable Assembly: Switch #3 P12 to LG01-P01 (FSP1)
-	03FM223	AR	Cable Assembly: Switch #4 P12 to LG11-P02 (FSP2)
-	02EC752	AR	Cable Assembly: iPDU1-P02 to PSU1
-	02EC753	AR	Cable Assembly: iPDU2-P02 to PSU2

Assembly 22.2: Cable assemblies (BPA)

- Cable assemblies (BPA) - A frame, see [Table 10 on page 39](#)
- Cable assemblies (BPA) - Z frame, see [Table 11 on page 42](#)
- Cable assemblies (BPA) - B frame, see [Table 12 on page 43](#)
- Cable assemblies (BPA) - C frame *without* B frame present, see [Table 13 on page 45](#)
- Cable assemblies (BPA) - C frame *with* B frame present, see [Table 14 on page 47](#)

<i>Table 10. Cable assemblies (BPA) - A frame</i>			
Index	Part Number	Units	Description
Servers and switches (red)			
-	02EC513	AR	Cable Assembly: Switch #1 P05 to Switch #2 P05
-	02EC514	AR	Cable Assembly: Switch #1 P06 to Switch #2 P06
-	02WN458	AR	Cable Assembly: Switch #1 P15 to SE Server #1 (A42) MGMT1
-	02WN459	AR	Cable Assembly: Switch #1 P17 to SE Server #1 (A42) LAN1
-	02WN460	AR	Cable Assembly: Switch #2 P15 to SE Server #1 (A42) MGMT2
-	02WN461	AR	Cable Assembly: Switch #2 P17 to SE Server #1 (A42) LAN2
-	02WN462	AR	Cable Assembly: Switch #1 P16 to SE Server #2 (A41) MGMT1
-	02WN463	AR	Cable Assembly: Switch #1 P18 to SE Server #2 (A41) LAN1
-	02WN464	AR	Cable Assembly: Switch #2 P16 to SE Server #2 (A41) MGMT2
-	02WN465	AR	Cable Assembly: Switch #2 P18 to SE Server #2 (A41) LAN2
-	02WN055	AR	Cable Assembly: Switch #1 P10 to BPEA-P35
-	02WN056	AR	Cable Assembly: Switch #2 P10 to BPEB-P35
-	02ED448	AR	Cable Assembly: BPEA-P31 to BPEB-P31
Power (red)			
-	03FM072	AR	Cable Assembly: SE Server #1 (A42) PSU1 to BPEA-P02
-	03FM073	AR	Cable Assembly: SE Server #1 (A42) PSU2 to BPEB-P02
-	03FM074	AR	Cable Assembly: SE Server #2 (A41) PSU1 to BPEA-P03
-	03FM075	AR	Cable Assembly: SE Server #2 (A41) PSU2 to BPEB-P03
-	03FM056	AR	Cable Assembly: Switch #1 (A40) PWR to BPE's-P11
-	03FM057	AR	Cable Assembly: Switch #2 (A39) PWR to BPE'-P12
Radiator (red)			
-	02WN734	AR	Cable Assembly: Switch #1 P19 to Rad CCA1-P03 (FSP1)
-	02WN735	AR	Cable Assembly: Switch #2 P19 to Rad CCA2-P03 (FSP2)
-	03FM092	AR	Cable Assembly: BPE's-P20 to PSU1
-	03FM093	AR	Cable Assembly: BPE's-P29 to PSU2
CPC0 (red) A10			
-	03FM165	AR	Cable Assembly: Switch #1 P09 to H101-P01 (FSP1)
-	03FM166	AR	Cable Assembly: Switch #2 P09 to H102 P01 (FSP2)
-	03FM077	AR	Cable Assembly: BPE's-P13 to PSU2

<i>Table 10. Cable assemblies (BPA) - A frame (continued)</i>			
Index	Part Number	Units	Description
-	03FM078	AR	Cable Assembly: BPE's-P22 to PSU3
-	03FM079	AR	Cable Assembly: BPE's-P23 to PSU4
CPC1 (blue) A15			
-	03FM167	AR	Cable Assembly: Switch #1 P14 to H101-P01 (FSP1)
-	03FM168	AR	Cable Assembly: Switch #2 P14 to H102-P01 (FSP2)
-	03FM080	AR	Cable Assembly: BPE's-P13 to PSU2
-	03FM081	AR	Cable Assembly: BPE's-P14 to PSU3
-	03FM082	AR	Cable Assembly: BPE's-P15 to PSU4
CPC2 (yellow) A20			
-	03FM169	AR	Cable Assembly: Switch #1 P11 to H101-P01 (FSP1)
-	03FM170	AR	Cable Assembly: Switch #2 P11 to H102-P01 (FSP2)
-	03FM083	AR	Cable Assembly: BPE's-P04 to PSU2
-	03FM084	AR	Cable Assembly: BPE's-P05 to PSU3
-	03FM085	AR	Cable Assembly: BPE's-P06 to PSU4
PCIe+ I/O Drawer 1 - A19 (blue)			
-	03FM194	AR	Cable Assembly: Switch #1 P14 to LG01-P01 (FSP1)
-	03FM195	AR	Cable Assembly: Switch #2 P14 to LG11-P01 (FSP2)
-	03FM097	AR	Cable Assembly: BPE's-P13 to PSU1
-	03FM098	AR	Cable Assembly: BPE's-P14 to PSU2
PCIe+ I/O Drawer 2 - A01 (purple)			
-	03FM182	AR	Cable Assembly: Switch #1 P13 to LG01-P01 (FSP1)
-	03FM183	AR	Cable Assembly: Switch #2 P13 to LG11-P01 (FSP2)
-	02WN836	AR	Cable Assembly: BPE's-P20 to PSU1
-	02WN837	AR	Cable Assembly: BPE's-P29 to PSU2
IBF 1 & 4 (red)			
-	02WN625	AR	Power Assembly: BPR to IBF w/Sheet Metal (02ED029)
-	02ED450	AR	Cable Assembly: BPEA-P32 to IBF 1 Comm
-	02ED451	AR	Cable Assembly: BPEB-P32 to IBF 4 Comm
IBF 2 & 5 (red)			
-	02WN625	AR	Power Assembly: BPR to IBF w/Sheet Metal (02ED029)
-	02ED452	AR	Cable Assembly: BPEA-P33 to IBF 2 Comm
-	02ED453	AR	Cable Assembly: BPEB-P33 to IBF 5 Comm

<i>Table 10. Cable assemblies (BPA) - A frame (continued)</i>			
Index	Part Number	Units	Description
IBF 3 & 6 (red)			
-	02WN625	AR	Power Assembly: BPR to IBF w/Sheet Metal (02ED029)
-	02ED454	AR	Cable Assembly: BPEA-P34 to IBF 3 Comm
-	02ED455	AR	Cable Assembly: BPEB-P34 to IBF 6 Comm

<i>Table 11. Cable assemblies (BPA) - Z frame</i>			
Index	Part Number	Units	Description
PCIe+ I/O Drawer 5 - Z01 (red)			
-	03FM184	AR	Cable Assembly: Switch #1 P24 to LG01-P01 (FSP1)
-	03FM185	AR	Cable Assembly: Switch #2 P24 to LG11-P01 (FSP2)
-	03FM099	AR	Cable Assembly: BPE's-P07 to PSU1
-	03FM100	AR	Cable Assembly: BPE's-P08 to PSU2
PCIe+ I/O Drawer 6 - Z09 (yellow)			
-	03FM186	AR	Cable Assembly: Switch #1 P23 to LG01-P01 (FSP1)
-	03FM187	AR	Cable Assembly: Switch #2 P23 to LG11-P01 (FSP2)
-	03FM101	AR	Cable Assembly: BPE's-P09 to PSU1
-	03FM102	AR	Cable Assembly: BPE's-P18 to PSU2
PCIe+ I/O Drawer 7 - Z17 (blue)			
-	03FM188	AR	Cable Assembly: Switch #1 P22 to LG01-P01 (FSP1)
-	03FM189	AR	Cable Assembly: Switch #2 P22 to LG11-P01 (FSP2)
-	03FM103	AR	Cable Assembly: BPE's-P16 to PSU1
-	03FM104	AR	Cable Assembly: BPE's-P17 to PSU2
PCIe+ I/O Drawer 8 - Z25 (purple)			
-	03FM190	AR	Cable Assembly: Switch #1 P21 to LG01-P01 (FSP1)
-	03FM191	AR	Cable Assembly: Switch #2 P21 to LG11-P01 (FSP2)
-	03FM105	AR	Cable Assembly: BPE's-P26 to PSU1
-	03FM106	AR	Cable Assembly: BPE's-P27 to PSU2
PCIe+ I/O Drawer 9 - Z33 (green)			
-	03FM516	AR	Cable Assembly: Switch #1 P20 to LG01-P01 (FSP1)
-	03FM517	AR	Cable Assembly: Switch #2 P20 to LG11-P01 (FSP2)
-	03FM107	AR	Cable Assembly: BPE's-P24 to PSU1
-	03FM108	AR	Cable Assembly: BPE's-P25 to PSU2

<i>Table 12. Cable assemblies (BPA) - B frame</i>			
Index	Part Number	Units	Description
Switches (red)			
-	02EC589	AR	Cable Assembly: Switch #1 P01 to Switch #3 P23
-	02EC590	AR	Cable Assembly: Switch #1 P02 to Switch #3 P24
-	02EC591	AR	Cable Assembly: Switch #2 P01 to Switch #4 P23
-	02EC592	AR	Cable Assembly: Switch #2 P02 to Switch #4 P24
-	02EC593	AR	Cable Assembly: Switch #3 P05 to Switch #4 P05
-	02EC594	AR	Cable Assembly: Switch #3 P06 to Switch #4 P06
-	02WN059	AR	Cable Assembly: Switch #1 P10 to BPEA-P35
-	02WN060	AR	Cable Assembly: Switch #2 P10 to BPEB-P35
-	02ED448	AR	Cable Assembly: BPEA-P32 to BPEB-P32
Power (red)			
-	03FM058	AR	Cable Assembly: Switch #1 (A42) PWR to BPE's-P11
-	03FM059	AR	Cable Assembly: Switch #2 (A41) PWR to BPE's-P12
Radiator (red)			
-	02WN736	AR	Cable Assembly: Switch #3 P21 to Rad CCA1-P03 (FSP1)
-	02WN737	AR	Cable Assembly: Switch #4 P21 to Rad CCA2-P03 (FSP1)
-	03FM094	AR	Cable Assembly: BPE's-P20 to PSU1
-	03FM095	AR	Cable Assembly: BPE's-P29 to PSU2
CPC3 (red) B10			
-	03FM171	AR	Cable Assembly: Switch #3 P17 to H101-P01 (FSP1)
-	03FM172	AR	Cable Assembly: Switch #4 P17 to H102-P01 (FSP2)
-	03FM086	AR	Cable Assembly: BPE's-P21 to PSU2
-	03FM087	AR	Cable Assembly: BPE's-P22 to PSU3
-	03FM088	AR	Cable Assembly: BPE's-P23 to PSU4
CPC4 (blue) B15			
-	03FM173	AR	Cable Assembly: Switch #3 P18 to H101-P01 (FSP1)
-	03FM174	AR	Cable Assembly: Switch #4 P18 to H102-P02 (FSP2)
-	03FM089	AR	Cable Assembly: BPE's-P13 to PSU2
-	03FM090	AR	Cable Assembly: BPE's-P14 to PSU3
-	03FM091	AR	Cable Assembly: BPE's-P15 to PSU4
PCIe+ I/O Drawer 11 - B21 (yellow)			

<i>Table 12. Cable assemblies (BPA) - B frame (continued)</i>			
Index	Part Number	Units	Description
-	03FM196	AR	Cable Assembly: Switch #3 P20 to LG01-P01 (FSP1)
-	03FM197	AR	Cable Assembly: Switch #4 P20 to LG11-P02 (FSP2)
-	03FM110	AR	Cable Assembly: BPE's-P04 to PSU1
-	03FM111	AR	Cable Assembly: BPE's-P05 to PSU2
IBF 1 & 4 (red)			
-	02WN625	AR	Power Assembly: BPR to IBF w/Sheet Metal (02ED029)
-	02ED450	AR	Cable Assembly: BPEA-P32 to IBF 1 Comm
-	02ED451	AR	Cable Assembly: BPEB-P32 to IBF 4 Comm
IBF 2 & 5 (red)			
-	02WN625	AR	Power Assembly: BPR to IBF w/Sheet Metal (02ED029)
-	02ED452	AR	Cable Assembly: BPEA-P33 to IBF 2 Comm
-	02ED453	AR	Cable Assembly: BPEB-P33 to IBF 5 Comm
IBF 3 & 6 (red)			
-	02WN625	AR	Power Assembly: BPR to IBF w/Sheet Metal (02ED029)
-	02ED454	AR	Cable Assembly: BPEA-P34 to IBF 3 Comm
-	02ED455	AR	Cable Assembly: BPEB-P34 to IBF 6 Comm

<i>Table 13. Cable assemblies (BPA) - C frame, without B frame present</i>			
Index	Part Number	Units	Description
Switches (red)			
-	02EC620	AR	Cable Assembly: Switch #1 P01 to Switch #3 P23
-	02EC621	AR	Cable Assembly: Switch #1 P02 to Switch #3 P24
-	02EC622	AR	Cable Assembly: Switch #2 P01 to Switch #4 P23
-	02EC623	AR	Cable Assembly: Switch #2 P02 to Switch #4 P24
-	02EC624	AR	Cable Assembly: Switch #3 P05 to Switch #4 P05
-	02EC625	AR	Cable Assembly: Switch #3 P06 to Switch #4 P06
-	02WN063	AR	Cable Assembly: Switch #1 P10 to BPEA-P35
-	02WN064	AR	Cable Assembly: Switch #2 P10 to BPEB-P35
-	02ED448	AR	Cable Assembly: BPEA-P31 to BPEB-P31
Power (red)			
-	03FM060	AR	Cable Assembly: Switch #1 (A42) PWR to BPE's-P11
-	03FM061	AR	Cable Assembly: Switch #2 (A41) PWR to BPE's-P12
PCIe+ I/O Drawer 13 - C01 (red)			
-	03FM204	AR	Cable Assembly: Switch #3 P16 to LG01-P01 (FSP1)
-	03FM205	AR	Cable Assembly: Switch #4 P16 to LG11-P02 (FSP2)
-	03FM112	AR	Cable Assembly: BPE's-P07 to PSU1
-	03FM113	AR	Cable Assembly: BPE's-P08 to PSU2
PCIe+ I/O Drawer 14 - C09 (yellow)			
-	03FM206	AR	Cable Assembly: Switch #3 P13 to LG01-P01 (FSP1)
-	03FM207	AR	Cable Assembly: Switch #4 P13 to LG11-P02 (FSP2)
-	03FM114	AR	Cable Assembly: BPE's-P09 to PSU1
-	03FM115	AR	Cable Assembly: BPE's-P18 to PSU2
PCIe+ I/O Drawer 15 - C17 (blue)			
-	03FM208	AR	Cable Assembly: Switch #3 P14 to LG01-P01 (FSP1)
-	03FM209	AR	Cable Assembly: Switch #4 P14 to LG11-P02 (FSP2)
-	03FM116	AR	Cable Assembly: BPE's-P16 to PSU1
-	03FM117	AR	Cable Assembly: BPE's-P17 to PSU2
IBF 1 & 4 (red)			
-	02WN625	AR	Power Assembly: BPR to IBF w/Sheet Metal (02ED029)
-	02ED450	AR	Cable Assembly: BPEA-P32 to IBF 1 Comm

<i>Table 13. Cable assemblies (BPA) - C frame, without B frame present (continued)</i>			
Index	Part Number	Units	Description
-	02ED451	AR	Cable Assembly: BPEB-P32 to IBF 4 Comm
IBF 2 & 5 (red)			
-	02WN625	AR	Power Assembly: BPR to IBF w/Sheet Metal (02ED029)
-	02ED452	AR	Cable Assembly: BPEA-P33 to IBF 2 Comm
-	02ED453	AR	Cable Assembly: BPEB-P33 to IBF 5 Comm
IBF 3 & 6 (red)			
-	02WN625	AR	Power Assembly: BPR to IBF w/Sheet Metal (02ED029)
-	02ED454	AR	Cable Assembly: BPEA-P34 to IBF 3 Comm
-	02ED455	AR	Cable Assembly: BPEB-P34 to IBF 6 Comm

<i>Table 14. Cable assemblies (BPA) - C frame, with B frame present</i>			
Index	Part Number	Units	Description
PCIe+ I/O Drawer 13 - C01 (red)			
-	03FM214	AR	Cable Assembly: Switch #3 P16 to LG01-P01 (FSP1)
-	03FM215	AR	Cable Assembly: Switch #4 P16 to LG11-P02 (FSP2)
-	03FM118	AR	Cable Assembly: BPE's-P07 to PSU1
-	03FM119	AR	Cable Assembly: BPE's-P08 to PSU2
PCIe+ I/O Drawer 14 - C09 (yellow)			
-	03FM216	AR	Cable Assembly: Switch #3 P13 to LG01-P01 (FSP1)
-	03FM217	AR	Cable Assembly: Switch #4 P13 to LG11-P02 (FSP2)
-	03FM120	AR	Cable Assembly: BPE's-P09 to PSU1
-	03FM121	AR	Cable Assembly: BPE's-P18 to PSU2
PCIe+ I/O Drawer 15 - C17 (blue)			
-	03FM218	AR	Cable Assembly: Switch #3 P14 to LG01-P01 (FSP1)
-	03FM219	AR	Cable Assembly: Switch #4 P14 to LG11-P02 (FSP2)
-	03FM122	AR	Cable Assembly: BPE's-P16 to PSU1
-	03FM123	AR	Cable Assembly: BPE's-P17 to PSU2
PCIe+ I/O Drawer 16 - C25 (purple)			
-	03FM220	AR	Cable Assembly: Switch #3 P11 to LG01-P01 (FSP1)
-	03FM221	AR	Cable Assembly: Switch #4 P11 to LG11-P02 (FSP2)
-	03FM124	AR	Cable Assembly: BPE's-P26 to PSU1
-	03FM125	AR	Cable Assembly: BPE's-P27 to PSU2
PCIe+ I/O Drawer 17 - C33 (green)			
-	03FM222	AR	Cable Assembly: Switch #3 P12 to LG01-P01 (FSP1)
-	03FM223	AR	Cable Assembly: Switch #4 P12 to LG11-P02 (FSP2)
-	03FM126	AR	Cable Assembly: BPE's-P24 to PSU1
-	03FM127	AR	Cable Assembly: BPE's-P25 to PSU2

Assembly 22.3: Cable assemblies (Miscellaneous)

Attention: Unless otherwise specified, the following cable assemblies are common between the PDU-powered and BPA-powered systems.

<i>Table 15. Cable assemblies (Miscellaneous)</i>			
Index	Part Number	Units	Description
PCIe+ Fanout			
-	02EC885	AR	Cable Assembly: 0.6 meter Long (MFG Wrap Test)
-	02EC799	AR	Cable Assembly: 1.0 meter Long, Rev #1
-	02EC800	AR	Cable Assembly: 1.5 meter Long, Rev #1
-	02EC801	AR	Cable Assembly: 2.0 meter Long, Rev #1
-	02EC802	AR	Cable Assembly: 2.5 meter Long, Rev #1
SMP-8 (2 nodes/CPC drawers)			
-	00LU550	AR	Cable Assembly: SMP 0.90m
SMP-8 (3 nodes/CPC drawers)			
-	00LU550	AR	Cable Assembly: SMP 0.90m
-	00LU552	AR	Cable Assembly: SMP 1.25m
SMP-8 (4 nodes/CPC drawers)			
-	00LU550	AR	Cable Assembly: SMP 0.90m
-	00LU551	AR	Cable Assembly: SMP 1.10m
SMP-8 (5 nodes/CPC drawers)			
-	00LU550	AR	Cable Assembly: SMP 0.90m
-	00LU552	AR	Cable Assembly: SMP 1.25m
-	00LU553	AR	Cable Assembly: SMP 1.5m
HMC			
-	01PP718	AR	Cable assembly: Ethernet Cat 5e w/FT-4 (50ft Long)
Ensemble feature			
-	01KU230	AR	Cable Assembly: Switch #1 P07 to I/O Card
-	01KU231	AR	Cable Assembly: Switch #2 P08 to I/O Card
Compact Keyboard/Monitor/Mouse (KMM) cables			
-	02EC952	AR	Cable Display Port
-	02EC953	AR	Cable USB-2
-	02EC954	AR	USB Type-C M to F

<i>Table 15. Cable assemblies (Miscellaneous) (continued)</i>			
Index	Part Number	Units	Description
-	02EC955	AR	Cable Power Input PDP-30 Din
-	02WN958	AR	Cable Display Port
-	02WN959	AR	Cable USB-2
-	02WN960	AR	Cable Power Input 4FT PDP-30 Din
Field spares - common			
-	00LU389	AR	Cable assembly: E/Net 1.0 m
-	00LU390	AR	Cable assembly: E/Net 2.0 m
-	00LU391	AR	Cable assembly: E/Net 3.0 m
Field spares - PDU only			
-	02EC719	AR	Jumper power cord (C19) for PDU / 0.9 m
-	02EC731	AR	Jumper power cord (SAF-D-Grid) for PDU / 1.9 m
-	02EC754	AR	Jumper power cord (C13) for PDU / 1.5 m
-	02EC755	AR	Jumper power cord (C13) for PDU / 2.775 m
Field spares - BPA only			
-	03FM026	AR	"Y" UPIC (C19) for BPA
-	03FM109	AR	"Y" UPIC (C13) for BPA
-	03FM071	AR	"Y" UPIC (SAF-D-Grid) for BPA
-	03FM076	AR	UPIC (C13) for BPA / 1.3 m
FTS for FICON (single-mode)			
-	45D7165	AR	FTS Trunk: 2.0m / 6.6 ft
-	15R7525	AR	FTS Trunk: 2.6m / 8.5 ft
-	01KU546	AR	FTS Tail-Gate Bracket, MTP Holder Asm
Power cord label (dual)			
-	02WN987	AR	Label for Power Cords (PDU and BPA)
Wrap plugs			
-	10N7405	AR	Wrap Plug: 1GB E/Net (Copper)
-	15R7536	AR	Wrap Plug: LC Dual Wrap (Fiber)
Wrap plug for ICA-SR (Coupling)			
-	74Y0792	AR	Wrap Plug: 24 pos MTP Wrap (Fiber)
Wrap plug for Coupling Express LR (Coupling)			
-	12R9544	AR	Fiber Optic assembly: SM LC to LC (2.0m)

Appendix A. Notices

This information was developed for products and services offered in the US.

IBM may not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

IBM may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not grant you any license to these patents. You can send license inquiries, in writing, to:

*IBM Director of Licensing
IBM Corporation
North Castle Drive, MD-NC119
Armonk, NY 10504-1785
US*

INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some jurisdictions do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM websites are provided for convenience only and do not in any manner serve as an endorsement of those websites. The materials at those websites are not part of the materials for this IBM product and use of those websites is at your own risk.

IBM may use or distribute any of the information you provide in any way it believes appropriate without incurring any obligation to you.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

Statements regarding IBM's future direction or intent are subject to change or withdrawal without notice, and represent goals and objectives only.

This information contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to actual people or business enterprise is entirely coincidental.

Trademarks

IBM, the IBM logo, and ibm.com are trademarks or registered trademarks of International Business Machines Corporation, in the United States and/or other countries. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on <http://www.ibm.com/trademark>.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Microsoft and Windows are trademarks of Microsoft Corporation in the United States, other countries, or both.

Class A Notices

The following Class A statements apply to this IBM product. The statement for other IBM products intended for use with this product will appear in their accompanying manuals.

Federal Communications Commission (FCC) Statement

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

Properly shielded and grounded cables and connectors must be used in order to meet FCC emission limits. IBM is not responsible for any radio or television interference caused by using other than recommended cables and connectors or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Industry Canada Compliance Statement

This Class A digital apparatus complies with Canadian ICES-003.

Avis de conformité à la réglementation d'Industrie Canada

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

European Community Compliance Statement

This product is in conformity with the protection requirements of EU Council Directive 2014/30/EU on the approximation of the laws of the Member States relating to electromagnetic compatibility. IBM cannot accept responsibility for any failure to satisfy the protection requirements resulting from a non-recommended modification of the product, including the fitting of non-IBM option cards.

This product has been tested and found to comply with the limits for Class A Information Technology Equipment according to European Standard EN 55032. The limits for Class A equipment were derived for commercial and industrial environments to provide reasonable protection against interference with licensed communication equipment.

European Community contact:
IBM Deutschland GmbH

Technical Regulations, Department M372
 IBM-Allee 1, 71139 Ehningen, Germany
 Tele: +49 (0) 800 225 5423 or +49 (0) 180 331 3233
 email: halloibm@de.ibm.com

Warning: This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

VCCI Statement - Japan

この装置は、クラス A 情報技術装置です。この装置を家庭環境で使用する
 と電波妨害を引き起こすことがあります。この場合には使用者が適切な対策
 を講ずるよう要求されることがあります。 VCCI-A

The following is a summary of the Japanese VCCI statement above:

This is a Class A product based on the standard of the VCCI Council. If this equipment is used in a domestic environment, radio interference may occur, in which case the user may be required to take corrective actions.

Japan JIS C 61000-3-2 Compliance

(一社) 電子情報技術産業協会 高調波電流抑制対策実施
 要領に基づく定格入力電力値： Knowledge Centerの各製品の
 仕様ページ参照

For products less than or equal to 20 A per phase, the following statement applies:

高調波電流規格 JIS C 61000-3-2 適合品

For products greater than 20 A, single-phase, the following statements apply:

高調波電流規格 JIS C 61000-3-2 準用品

本装置は、「高圧又は特別高圧で受電する需要家の高調波抑制対
 策ガイドライン」対象機器（高調波発生機器）です。

回路分類：6（単相、PFC回路付）

換算係数：0

For products greater than 20 A per phase, three-phase, the following statements apply:

高調波電流規格 JIS C 61000-3-2 準用品

本装置は、「高圧又は特別高圧で受電する需要家の高調波抑制対
 策ガイドライン」対象機器（高調波発生機器）です。

回路分類：5（3相、PFC回路付）

換算係数：0

Electromagnetic Interference (EMI) Statement - People's Republic of China

声 明

此为 A 级产品,在生活环境中,
该产品可能会造成无线电干扰。
在这种情况下,可能需要用户对其
干扰采取切实可行的措施。

Declaration: This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user may need to perform practical action.

Electromagnetic Interference (EMI) Statement - Taiwan

警告使用者：
這是甲類的資訊產品，在
居住的環境中使用時，可
能會造成射頻干擾，在這
種情況下，使用者會被要
求採取某些適當的對策。

The following is a summary of the Taiwan EMI statement above:

Warning: This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user will be required to take adequate measures.

IBM Taiwan Contact Information:

台灣IBM 產品服務聯絡方式：
台灣國際商業機器股份有限公司
台北市松仁路7號3樓
電話：0800-016-888

Electromagnetic Interference (EMI) Statement - Korea

이 기기는 업무용(A급)으로 전자파적합등록을 한 기기이오니
판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정외의
지역에서 사용하는 것을 목적으로 합니다.

Germany Compliance Statement

**Deutschsprachiger EU Hinweis: Hinweis für Geräte der Klasse A EU-Richtlinie zur
Elektromagnetischen Verträglichkeit**

Dieses Produkt entspricht den Schutzanforderungen der EU-Richtlinie 2014/30/EU zur Angleichung der Rechtsvorschriften über die elektromagnetische Verträglichkeit in den EU-Mitgliedsstaaten und hält die Grenzwerte der EN 55032 Klasse A ein.

Um dieses sicherzustellen, sind die Geräte wie in den Handbüchern beschrieben zu installieren und zu betreiben. Des Weiteren dürfen auch nur von der IBM empfohlene Kabel angeschlossen werden. IBM übernimmt keine Verantwortung für die Einhaltung der Schutzanforderungen, wenn das Produkt ohne Zustimmung von IBM verändert bzw. wenn Erweiterungskomponenten von Fremdherstellern ohne Empfehlung von IBM gesteckt/eingebaut werden.

EN 55032 Klasse A Geräte müssen mit folgendem Warnhinweis versehen werden:

"Warnung: Dieses ist eine Einrichtung der Klasse A. Diese Einrichtung kann im Wohnbereich Funk-Störungen verursachen; in diesem Fall kann vom Betreiber verlangt werden, angemessene Maßnahmen zu ergreifen und dafür aufzukommen."

Deutschland: Einhaltung des Gesetzes über die elektromagnetische Verträglichkeit von Geräten

Dieses Produkt entspricht dem "Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG)". Dies ist die Umsetzung der EU-Richtlinie 2014/30/EU in der Bundesrepublik Deutschland.

Zulassungsbescheinigung laut dem Deutschen Gesetz über die elektromagnetische Verträglichkeit von Geräten (EMVG) (bzw. der EMC EG Richtlinie 2014/30/EU) für Geräte der Klasse A

Dieses Gerät ist berechtigt, in Übereinstimmung mit dem Deutschen EMVG das EG-Konformitätszeichen - CE - zu führen.

Verantwortlich für die Einhaltung der EMV Vorschriften ist der Hersteller:
International Business Machines Corp.
New Orchard Road
Armonk, New York 10504
Tel: 914-499-1900

Der verantwortliche Ansprechpartner des Herstellers in der EU ist:
IBM Deutschland GmbH
Technical Regulations, Abteilung M372
IBM-Allee 1, 71139 Ehningen, Germany
Tel: +49 (0) 800 225 5423 or +49 (0) 180 331 3233
email: halloibm@de.ibm.com

Generelle Informationen:

Das Gerät erfüllt die Schutzanforderungen nach EN 55024 und EN 55032 Klasse A.

Electromagnetic Interference (EMI) Statement - Russia

**ВНИМАНИЕ! Настоящее изделие относится к классу А.
В жилых помещениях оно может создавать радиопомехи, для
снижения которых необходимы дополнительные меры**



GC28-7003-00

