Product IDs

This appendix provides information about the product structure and product IDs. It contains the following tables:

These tables list system components, their product IDs (the part numbers to use to order the component), and descriptions.

Note In the following tables, an equals sign (=) at the end of the product ID indicates that the component can be ordered as a spare. For those components, be sure to include the equals sign as part of the product ID.

Note See the Cisco online ordering and pricing tool for the most up-to-date information on the routing system and product IDs (Cisco login required).

Chassis Product IDs

The following table lists the high-level product IDs.

Table 1: Multishelf System Product IDs

Component	Product ID	Description
Multishelf System Components		
CRS multishelf system	CRS-MC-FC24	Cisco CRS Multishelf System

The following table lists the PIDs for the fabric card chassis and its components.

Table 2: Cisco CRS Fabric Card Chassis Product IDs

Component	Product ID	Description
Fabric card chassis (complete)	CRS-FC24(=)	Cisco CRS FCC for a multishelf system (without switch fabric cards)
Fabric card chassis (chassis only)	CRS-FCC(=)	Cisco CRS-1 routing system FCC (spare chassis)
Fan tray with fans	CRS-FCC-FAN-TR(=)	Cisco CRS FCC fan tray with fans (spare)(2 required for each chassis)
Cards and modules		
Switch fabric card (fabric chassis)	CRS-FCC-SFC(=) CRS-FCC-SFC-140(=)	S2 switch fabric cards for 40G system (8 required for each fabric chassis) S2 switch fabric cards for 140G system (8 required for each fabric chassis)
Switch fabric card blank	CRS-SFC-IMPEDANCE(=)	Blank card carrier for each switch fabric slot (used for shipment; must be replaced with fabric card)
22-port shelf controller card	CRS-FCC-SC-22GE(=)	22-port shelf controller Gigabit Ethernet (22-port SCGE) card(2 recommended for each fabric chassis)
OIM, single-width	CRS-FCC-OIM-1S(=)	Optical interconnect module (OIM)(1 required for each S2 fabric card in fabric chassis)
OIM blank	CRS-OIM-IMPEDANCE(=)	Blank carrier for each empty OIM slot
SFC and OIM eight pack bundle	CRS-FC24-SFC-8P(=)	Eight pack of S2 switch fabric cards and optional interconnect modules
FM-LED	CRS-FCC-LED(=)	Fiber module LED card (2 required for each fabric chassis)
FM-LED blank	CRS-FM-IMPEDANCE(=)	Blank carrier for each empty FM-LED slot (required for EMI compliance and cooling)
Fixed Configuration Power		
AC Delta power system	CRS-FCC-ACD-KIT(=)	AC Delta power system for fabric chassis (includes 2 power shelves and 6 AC rectifiers)
AC Wye power system	CRS-FCC-ACW-KIT(=)	AC Wye power system for fabric chassis (includes 2 power shelves and 6 AC rectifiers)

Component	Product ID	Description
DC power system	CRS-FCC-DC-KIT(=)	DC power system for fabric chassis(includes 2 power shelves and 4 power modules)
AC power rectifier	CRS-16-AC-RECT(=)	AC power rectifier for line card chassis (6 required for each chassis; 3 required for each AC power shelf)
DC PEM	CRS-16-DC-PEM(=)	AC power entry module for line card chassis (6 required for each chassis; 3 required for each DC power shelf)
Alarm module	CRS-16-ALARM(=)	Chassis alarm module (1 required for each power shelf)
Modular Configuration Power		
AC power system	CRS-FCC-ACKIT-M(=)	AC power system for fabric chassis(includes 2 power shelves and 6 AC PMs)
DC power system	CRS-FCC-DCKIT-M(=)	DC power system for fabric chassis(includes 2 power shelves and 8 DC PMs)
Alarm module	CRS-16-ALARM-C(=)	Chassis alarm module(1 required for each power shelf)
AC power cord	CRS-AC-CAB-NA	AC power cord—North America
	CRS-AC-CAB-AU	AC power cord—Australia
	CRS-AC-CAB-UK	AC power cord—United Kingdom
	CRS-AC-CAB-EU	AC power cord—Europe
	CRS-AC-CAB-IT	AC power cord—Italy
		Length of each power cord is 4.25 m.
Cable management and cosmetics		
Front cosmetics	CRS-FCC-FRNT-CM(=)	Front cosmetics and cable management kit (front door not included)
Rear cosmetics	CRS-FCC-REAR-CM(=)	Rear cosmetics and cable management kit(rear door not included)
Front door	CRS-FCC-DRS-FR(=)	Front door for fabric chassis
Rear door	CRS-FCC-DRS-RR(=)	Rear door for fabric chassis
AC power grille	CRS-FCC-ACGRILLE(=)	Front grille for fixed configuration AC power shelves

Component	Product ID	Description
DC power grille	CRS-FCC-DCGRILLE(=)	Front grille for fixed configuration DC power shelves
Modular power grille	CRS-16-PW-GRILL(=)	Front grille for modular configuration AC and DC power shelves
Chassis installation accessories (included with chassis)		
Drill hole template	CRS-LCC-DRILLTEMP(=)	Aluminum template showing where to drill the mounting holes to secure the chassis to the floor
Chassis access template	CRS-LCC-FLOORTEMP (=)	Mylar template showing chassis door swings and maintenance access area
Inrigger kit	CRS-FCC-ALTMNT(=)	Alternate mounting kit for anchoring chassis to floor

The following table lists the PIDs for the Cisco CRS 16-slot line card chassis and its components.

Table 3: Cisco CRS 16-Slot Line Card Chassis Product IDs

Component	Product ID	Description
Line card chassis(complete)	CRS-16-LCC/M CRS-16LCC140/M CRS-16/S	Cisco CRS-1 40G LCC (with 2 route processors [RPs], S13 fabric cards, and optical array cables) Cisco CRS-3 140G LCC (with 2 route processors [RPs], S13 fabric cards, and optical array cables) Cisco CRS LCC (with 2 route processors [RPs] and S123 fabric cards)
Conversion Kit	CRS-16-MC-CONVCRS-16-MC140-CONV	Cisco CRS Multichassis conversion kit that converts a standalone Cisco CRS 16-Slot LCC into a Cisco CRS-1 Multichassis LCCCisco CRS Multichassis conversion kit that converts a standalone Cisco CRS 16-Slot LCC into a Cisco CRS-3 Multichassis LCC
Switch fabric cards		
Switch fabric card (single-shelf system)	CRS-16-FC/S(=) CRS-16-FC140/S(=) CRS-16-FC400/S(=)	S123 switch fabric cards for CRS-1 system S123 switch fabric cards for CRS-3 system S123 switch fabric cards for CRS-X system (8 required for each line card chassis)

Component	Product ID	Description
Switch fabric card (multi-shelf system)	CRS-16-FC/M(=) CRS-16-FC140/M(=) CRS-16-FC400/M(=)	S13 switch fabric cards for CRS-1 system S13 switch fabric cards for CRS-3 system S13 switch fabric cards for CRS-X system (8 required for each line card chassis)
Route processors		
Route processor	CRS-16-RP(=)	Route processor (2 required for each line card chassis)
Performance route processor (PRP)	CRS-16-PRP-6G= CRS-16-PRP-12G=	Performance route processor (6GB memory) Performance route processor (12GB memory) (2 PRPs required for each line card chassis)
Distributed route processor (DRP)	CRS-DRP(=)	Additional route processor for the system (optional) (includes two cards, DRP CPU and DRP PLIM)
	To order DRP cards separately, use the following IDs (both cards are required for DRP operation):	
	CRS-DRP-B-CPU(=)	DRP card only (requires DRP PLIM)
	CRS-DRP-B-PLIM(=)	DRP PLIM only (requires DRP CPU)
Fixed Configuration Power		
AC Delta power shelf	CRS-16-LCC-PS-ACD(=)	AC Delta power shelf for line card chassis (2 required for each chassis)
AC Wye power shelf	CRS-16-LCC-PS-ACW(=)	AC Wye power shelf for line card chassis (2 required for each chassis)
DC power shelf	CRS-16-LCC-PS(=)	DC power shelf for line card chassis (2 required for each chassis)
AC power rectifier	CRS-16-AC-RECT(=)	AC power rectifier for line card chassis(6 required for each chassis; 3 required for each AC power shelf)
DC PEM	CRS-16-DC-PEM(=)	AC power entry module for line card chassis(6 required for each chassis; 3 required for each DC power shelf)
Alarm module	CRS-16-ALARM(=)	Chassis alarm module(2 required for each chassis; 1 required for each power shelf)
Modular Configuration Power		
AC power system	CRS-16-ACKIT-M(=)	AC power system for fabric chassis(includes 2 power shelves and 10 AC PMs)
DC power system	CRS-16-DCKIT-M(=)	DC power system for fabric chassis(includes 2 power shelves and 12 DC PMs)

Component	Product ID	Description
AC power module	CRS-PM-AC	Modular AC power module (Up to 6 required for each power shelf)
DC power module	CRS-PM-DC	Modular DC power module (Up to 8 required for each power shelf)
Alarm module	CRS-16-ALARM-C(=)	Modular power alarm module(1 required for each power shelf)
AC power cord	CRS-AC-CAB-NA CRS-AC-CAB-AU CRS-AC-CAB-UK CRS-AC-CAB-EU CRS-AC-CAB-IT	AC power cord—North America AC power cord—Australia AC power cord—United Kingdom AC power cord—Europe AC power cord—Italy Length of each power cord is 4.25 m.
Cable management and cosmetics		
Front cosmetics	CRS-16-LCC-FRNT(=)	Front cosmetics and cable management kit
Rear cosmetics	CRS-16-LCC-BCK-CM(=)	Rear cosmetics and cable management kit
Front door	CRS-16-LCC-DRS-FR(=)	Front doors
Rear door	CRS-16-LCC-DRS-RR(=)	Rear doors
AC power grille	CRS-16-ACGRILLE(=)	Front grille for fixed configuration AC power shelves
DC power grille	CRS-16-DCGRILLE(=)	Front grille for fixed configuration DC power shelves
Modular power grille	CRS-16-PW-GRILL(=)	Front grille for modular configuration AC and DC power shelves
Chassis installation accessories (included with chassis)		
Drill hole template	CRS-LCC-DRILLTEMP(=)	Aluminum template showing where to drill the mounting holes to secure the chassis to the floor
Chassis access template	CRS-LCC-FLOORTEMP (=)	Mylar template showing chassis door swings and maintenance access area
Chassis floor mounting kit	CRS-16-LCC-ALTMNT(=)	Alternate mounting kit for anchoring chassis to floor

For detailed specifications for Cisco CRS-1 routing system PLIMs, RPs and other components refer to the data sheet on: http://www.cisco.com/en/US/partner/products/ps5763/products_data_sheets_list.html .

CCO login is required.

For additional information on Cisco CRS-1 routing system SPA interface processor (SIP) and shared port adapters (SPAs), see *Cisco CRS SIP and SPA Hardware Installation Guide* .

Fabric Cables

The following table lists the product ID numbers for Cisco CRS fabric cables. These cables, which are available in different lengths, connect the S13 fabric cards (in the line card chassis) to the S2 fabric cards (in the fabric chassis). Be sure to order enough cables for your system. The interconnection cables listed are shipped as a set of 24 in the meter length specified.

In the table, the cable name *LCC/M-FC-FBR-XX* means the following:

- *LCC/M* is "Line Card Chassis/Multishelf System."
- *FC* is Fabric (Card) Chassis.
- *FBR* is Fiber.
- *xx* is the length of the cable in meters.

Note = symbol at the end of a product ID number indicates that the part is a *spare* , which means the part can be ordered.

Note R = symbol at the end of a product ID number indicates that the part is a riser-rated fiber cable.

Table 4: Fabric Cables for the Cisco CRS-1 Multishelf System

Fabric Cable Product ID	Description and Length
LCC/M-FC-FBR-10=	Cisco CRS Line Card Chassis-Fabric Chassis Fiber 10 meters (32.8 feet)
LCC/M-FC-FBR-15=	Cisco CRS Line Card Chassis-Fabric Chassis Fiber 15 meters (49.2 feet)
LCC/M-FC-FBR-20=	Cisco CRS Line Card Chassis-Fabric Chassis Fiber 20 meters (65.6 feet)
LCC/M-FC-FBR-25=	Cisco CRS Line Card Chassis-Fabric Chassis Fiber 25 meters (82 feet)
LCC/M-FC-FBR-30=	Cisco CRS Line Card Chassis-Fabric Chassis Fiber 30 meters (98.43)
LCC/M-FC-FBR-40=	Cisco CRS Line Card Chassis-Fabric Chassis Fiber 40 meters (131.2 feet)
LCC/M-FC-FBR-50=	Cisco CRS Line Card Chassis-Fabric Chassis Fiber 50 meters (164 feet)
LCC/M-FC-FBR-60=	Cisco CRS Line Card Chassis-Fabric Chassis Fiber 60 meters (197 feet)
LCC/M-FC-FBR-70=	Cisco CRS Line Card Chassis-Fabric Chassis Fiber 70 meters (229.7)
LCC/M-FC-FBR-80=	Cisco CRS Line Card Chassis-Fabric Chassis Fiber 80 meters (262.5 feet)
LCC/M-FC-FBR-90=	Cisco CRS Line Card Chassis-Fabric Chassis Fiber 90 meters (295.3feet)
LCC/M-FC-FBR-100=	Cisco CRS Line Card Chassis-Fabric Chassis Fiber 100 meters (328 feet)
LCC/M-FC-FBR-10R=	Cisco CRS Line Card Chassis-Fabric Chassis Riser-rated 10 meters (32.8 feet)

Fabric Cable Product ID	Description and Length
LCC/M-FC-FBR-15R=	Cisco CRS Line Card Chassis-Fabric Chassis Riser-rated 15 meters (49.2 feet)
LCC/M-FC-FBR-20R=	Cisco CRS Line Card Chassis-Fabric Chassis Riser-rated 20 meters (65.6)
LCC/M-FC-FBR-25R=	Cisco CRS Line Card Chassis-Fabric Chassis Riser-rated 25 meters (82 feet)
LCC/M-FC-FBR-30R=	Cisco CRS Line Card Chassis-Fabric Chassis Riser-rated 30 meters (98.43 feet)
LCC/M-FC-FBR-40R=	Cisco CRS Line Card Chassis-Fabric Chassis Riser-rated 40 meters (131.2 feet)
LCC/M-FC-FBR-50R=	Cisco CRS Line Card Chassis-Fabric Chassis Riser-rated 50 meters (164 feet)
LCC/M-FC-FBR-60R=	Cisco CRS Line Card Chassis-Fabric Chassis Riser-rated 60 meters (197 feet)
LCC/M-FC-FBR-70R=	Cisco CRS Line Card Chassis-Fabric Chassis Riser-rated 70 meters (229.7)
LCC/M-FC-FBR-80R=	Cisco CRS Line Card Chassis-Fabric Chassis Rise-rated r 80 meters (262.5 feet)
LCC/M-FC-FBR-90R=	Cisco CRS Line Card Chassis-Fabric Chassis Riser-rated 90 meters (295.3feet)
LCC/M-FC-FBR-100R=	Cisco CRS Line Card Chassis-Fabric Chassis Riser-rated 100 meters (328 feet)

Note   The Cisco CRS fiber-optic cleaning kit (CRS-FIBER-CLN-KIT=) includes a cleaning tool that advances a continuous roll of lint-free cleaning cloth across the face of the optic. For more information, see the *Cisco CRS-1 Carrier Routing System Fiber-Optic Cleaning Guide* .