SmartZone™ G5 Locking and Standard IT Power Cords

description

Our wide assortment of heavy-duty locking and standard power cords are a best in class offer; designed for transferring power from the rack power distribution unit (PDU) to IT equipment in a data center cabinet or rack. They are available in a variety of colors and lengths. The dual locking cords eliminate accidental disconnects caused by vibration and/or contact. In addition, they feature locking on both ends, G5 PDU side & IT Gear side; for a secure connection.

technical information

Panduit power cords are manufactured to comply with regulatory approvals that are commonly accepted in the US, Europe, and other parts of the world. Various plug configurations and lengths, optimize connection from rack PDUs to common network equipment.

key features and benefits

Dual-Ended Locking	Cord locks on both ends, G5 PDUs & IT Gear side. G5 PDU side is also V-Lock Compatible
Universal Female Locking Connector	Compatible with all standard IT gear input plugs*
Selection of lengths packaging	Allows user to optimize cable management to reduce slack and improve thermal performance
Non-conforming packaging	Prevents cord deformity from bound packaging methods
Selection of colors	Cords available in Red, Blue, and Black
Selection of configurations	Selection of configurations

*May interfere with some Cisco UCS chassis outfitted with a plastic shroud designed for non-locking power cords.

applications

Panduit power cords are available in a variety of optimal lengths and colors. Optimal lengths prevent slack loops, and clutter; thereby saving energy and allowing increased airflow. Utilize different colors to signify power paths within your data center.

specifications locking cords

	IEC C14 to IEC C13	IEC C20 to IEC C19
Voltage	250 Volts	
Amperage	10 Amps	16 Amps
Male Plug	IEC60320 C14	IEC60320 C20
Locking Style	Dual	
Female Connector	IEC60320 C13	IEC60320 C19
Locking Style	Universal	
Locking Cord Retention Force (Plug or Connector)	200 Newton	
Gauge	17 AWG/1.0mm^2	15 AWG/1.5mm^2
Conductors	3 Wire	
Conductor Color Code	Blue, Brown, Green/Yellow Stripe (ICC)	
Jacket	SJT/H05VV-F	
Jacket Material	PVC	
Jacket Temp. Rating	105°C	
~ Outside Diameter	7.95 - 8.25mm	9.25 - 9.45mm
Packaging	10 pk	
Testing	Each cord is tested for dielectric voltage-withstand (Hi-Pot), polarization and continuity.	
Certifications	UL, CE, VDE, TUV Approved	

specifications non-locking cords

	IEC C14 to IEC C13	IEC C20 to IEC C19
Voltage	250 Volts	
Amperage	10 Amps	16 Amps
Male Plug	IEC60320 C14	IEC60320 C20
Female Connector	IEC60320 C13	IEC60320 C19
Gauge	18 AWG/0.75mm^2 (H05VV-F)/1.0mm^2 (HVCTF) for 2-6 feet 17 AWG/1.0mm^2 (H05VV-F)/1.2mm^2 (HVCTF) for 8-10 feet	15 AWG/1.5mm^2 (H05VV-F)/2.0mm^2 (HVCTF)
Conductors	3 Wire	
Conductor Color Code	Blue, Brown, Green/Yellow Stripe (ICC)	
Jacket	SJT (N. America)/H05VV-F with RVV (China)/H05VV-F (All except China)/HVCTF (Japan and Taiwan)	
Jacket Material	PVC	
Jacket Temp. Rating	105°C	
~ Outside Diameter	8.3 - 8.5mm	9.25 - 9.45mm
Packaging	10 pk	
Testing	Each cord is tested for dielectric voltage-withstand (Hi-Pot), polarization and continuity.	
Certifications	cULus (N. America), VDE (Europe), PSE (Japan), CCC (China), KC (S. Korea), SAA (Australia/New Zealand), CE Approved (Europe)	

Dual Locking Power Cords

Color	Description	Ratings	Gauge/Cross Section	Length (feet)	Length (meters)	Part Number (10 pk)
Red	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	2	0.6	LPCA01-X
Red	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	4	1.2	LPCA02-X
Red	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	6	1.8	LPCA03-X
Red	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	8	2.4	LPCA04-X
Red	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	10	3	LPCA05-X*
Blue	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	2	0.6	LPCA06-X
Blue	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	4	1.2	LPCA07-X
Blue	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	6	1.8	LPCA08-X
Blue	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	8	2.4	LPCA09-X
Blue	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	10	3	LPCA10-X*
Black	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	2	0.6	LPCA11-X
Black	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	4	1.2	LPCA12-X
Black	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	6	1.8	LPCA13-X
Black	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	8	2.4	LPCA14-X
Black	Locking Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	10	3	LPCA15-X*

IEC320 C14   IEC320 C13

IEC320 C14   IEC320 C13

IEC320 C14   IEC320 C13

*Non-standard products (50 pack minimum, 16 week lead time), NC/NR.

Dual Locking Power Cords — continued

Color	Description	Ratings	Gauge/Cross Section	Length (feet)	Length (meters)	Part Number (10 pk)
Red	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	2	0.6	LPCB01-X
Red	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	4	1.2	LPCB02-X
Red	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	6	1.8	LPCB03-X
Red	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	8	2.4	LPCB04-X
Red	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	10	3	LPCB05-X*
Blue	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	2	0.6	LPCB06-X
Blue	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	4	1.2	LPCB07-X
Blue	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	6	1.8	LPCB08-X
Blue	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	8	2.4	LPCB09-X
Blue	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	10	3	LPCB10-X*
Black	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	2	0.6	LPCB11-X
Black	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	4	1.2	LPCB12-X
Black	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	6	1.8	LPCB13-X
Black	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	8	2.4	LPCB14-X
Black	Locking Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	10	3	LPCB15-X*

IEC320 C20   IEC320 C19

IEC320 C20   IEC320 C19

IEC320 C20   IEC320 C19

*Non-standard products (50 pack minimum, 16 week lead time), NC/NR.

Standard Power Cords

Color	Description	Ratings	Gauge/Cross Section	Length (feet)	Length (meters)	Part Number (10 pk)
Red	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	18 AWG/0.75mm²	2	0.6	NPCA01-X
Red	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	18 AWG/0.75mm²	4	1.2	NPCA02-X
Red	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	18 AWG/0.75mm²	6	1.8	NPCA03-X
Red	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	8	2.4	NPCA04-X
Red	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	10	3	NPCA05-X*
Blue	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	18 AWG/0.75mm²	2	0.6	NPCA06-X
Blue	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	18 AWG/0.75mm²	4	1.2	NPCA07-X
Blue	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	18 AWG/0.75mm²	6	1.8	NPCA08-X
Blue	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	8	2.4	NPCA09-X
Blue	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	10	3	NPCA10-X*
Black	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	18 AWG/0.75mm²	2	0.6	NPCA11-X
Black	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	18 AWG/0.75mm²	4	1.2	NPCA12-X
Black	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	18 AWG/0.75mm²	6	1.8	NPCA13-X
Black	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	8	2.4	NPCA14-X
Black	Standard Power Cord, IEC C14 to IEC C13	10A/250 V	17 AWG/1.0mm²	10	3	NPCA15-X*

IEC320 C14   IEC320 C13

IEC320 C14   IEC320 C13

IEC320 C14   IEC320 C13

*Non-standard products (20 pack minimum, 16 week lead time), NC/NR.

Standard Power Cords — continued

Color	Description	Ratings	Gauge/Cross Section	Length (feet)	Length (meters)	Part Number (10 pk)
Red	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	2	0.6	NPCB01-X
Red	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	4	1.2	NPCB02-X
Red	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	6	1.8	NPCB03-X
Red	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	8	2.4	NPCB04-X
Red	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	10	3	NPCB05-X*
Blue	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	2	0.6	NPCB06-X
Blue	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	4	1.2	NPCB07-X
Blue	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	6	1.8	NPCB08-X
Blue	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	8	2.4	NPCB09-X
Blue	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	10	3	NPCB10-X*
Black	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	2	0.6	NPCB11-X
Black	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	4	1.2	NPCB12-X
Black	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	6	1.8	NPCB13-X
Black	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	8	2.4	NPCB14-X
Black	Standard Power Cord, IEC C20 to IEC C19	16A/250 V	15 AWG/1.5mm²	10	3	NPCB15-X*

IEC320 C20   IEC320 C19

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