HUBBELL®
Premise Wiring

PRODUCT GUIDE

Data Center Infrastructure Solutions

End-to-end solutions for dependable data center performance

Maximize data center uptime with high quality cabling products

All the critical information in your organization runs through your data center, and your data center depends on network cabling that performs. Partner with Hubbell Premise Wiring to create an efficient, reliable, organized wiring infrastructure as you build your data center or as you grow.

Featured Data Center Solutions

Our solutions meet or exceed all data center performance and safety requirements for everything from small equipment rooms to large, Tier 4 operations. That includes high-quality racks, cabinets, cable trays, power distribution units, cable management systems, grounding and bonding equipment, and custom end-to-end connectivity solutions.

COPPER

FIBER

INFRASTRUCTURE

Copper Overview

Innovative NEXTSPEED® end-to-end copper systems maximize performance and space utilization in high density data center applications. They're backed by continual third party component level performance testing and the Hubbell Mission Critical® 25-year warranty.

Copper **Jacks**

Our Cobra-Lock™ termination provides a secure connection by locking conductors in place under constant compression. Designed specifically for 6A applications, the zinc die cast back suppresses interference and provides superior strength. The narrow profile supports high density applications and the punchless termination improves termination speed and consistency.

Copper **Cable**

Our Category 6A reduced diameter copper cables are specifically designed to provide a high-performance, end-to-end system supporting 10Gbe and 4-pair PoE applications. The cables are tested in severe temperature and bundling conditions to ensure data transmission above TIA requirements and power efficiency. The product is supported by UL LP third party assurances for product safety, even in the highest density applications.

Copper **Panels**

Our copper patch panel solutions support increased productivity and decreased downtime. Modular HPJ patch panels with Cobra-Lock jacks provide superior alien crosstalk performance and better wire retention while also ensuring faster termination and easier moves, adds, and changes. High density options save rack units to maximize space utilization.

Copper **Patch Cords**

Our patch cords are manufactured with top quality components and tuned to the connectors and cable, creating a superior end-to-end system. Hubbell enterprise patch cords are designed for high speed data and POE transmission, and 100% performance-tested, assuring the highest quality, most reliable patch cord in the industry. Low diameter options provide 36% narrower diameter and 59% less cross-sectional area than traditional cords, for increased cable management capacity and better airflow to improve efficiency.

NEXTSPEED® Ascent Category 6A Copper System

Enhanced Performance Systems maximize bandwidth, ensure reliability, and increase space utilization in your data center applications

NEXTSPEED Ascent Category 6A solution is a tuned system of structured cabling components designed and balanced to work together to support bandwidth beyond 625MHz. NEXTSPEED Ascent provides the highest level of reliability with a zero bit error rate of 10-13.

- ETL Quarterly Test Program assures Category 6A component and channel compliance

- Cobra-Lock™ Termination reduces termination time by over 75% and actively retains termination integrity

- Designed for critical, bandwidth-intensive 10GBASE-T applications from 10-100m PL

- High-density panels and low diameter patch cords and cabling optimize rack utilization and efficiency
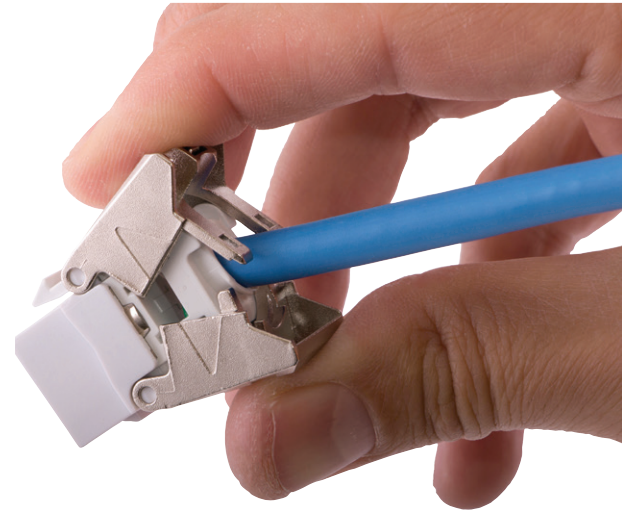

Features

- Third party-verified to exceed TIA and ISO component requirements

- Qualified to 150% of IEEE 802.3bt current level

- Enhanced common mode design eliminates residual and reflected NEXT/ANEXT

Applications

- Bandwidth-intensive 10GBASE-T (802.3an)

- High performance data center

- High power PoE applications

Specifications

- Supports IEEE 10GBASE-T (802.3an)

- Bit error rate tested (≤1*10-13)

- ANSI/TIA-568 Category 6A component, link and channel compliant

- Exceeds ISO 11801 Class EA link/channel and IEC 60603 component requirements

- Supports IEEE PoE++ (4PPoE) (802.3bt) and proposed 4-pair PoE

- Third party tested, Intertek Testing Services (ETL)

Jacks

- Performance: ETL Quarterly Test Program assures TIA Category 6A component compliance and IEEE 802.3an 10GBASE-T support

- Qualified to 150% of IEEE 802.3bt current level and IEC60512-99-002 for dematting endurance under PoE load

- Short links (less than 10M) supported

- Cobra-Lock™ Termination reduces termination times, eliminates punch downs, and actively retains termination integrity
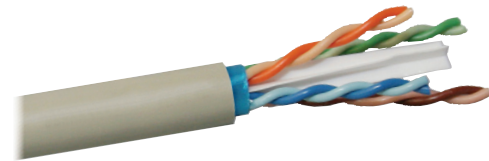
Patch Panels

- Performance: ETL Quarterly Test Program assures TIA Category 6A Component compliance and IEEE 802.3an 10GBASE-T support

- Modular panels reduce downtime with improved installation and easier MACs, provide superior ANEXT performance, and increase flexibility through mixing colors and connectors

- Panel kits provide complete one-part solution

- High-density panels increase density to maximize rack and cabinet utilization

Cables

- Reduced diameter jacket plenum 0.25" and riser 0.275"

- Third party-verified TIA Category 6A component compliant

- +7 dB alien crosstalk headroom to optimized performance in high density DC applications

- High power PoE and high temperature ready: CMP-LP 0.6A and CMR-LP 0.5A listed; CMP 90°C, CMR 75°C temperature rated

NEXTSPEED® Ascent Category 6A Jacks with Cobra-Lock™ Termination

Color	Catalog Number (24-Pack)	Column Header lbs (km)
Black	HJU6ABK	HJU6ABK24
Blue	HJU6AB	HJU6AB24
Brown	HJU6ABN	HJU6ABN24
Gold	HJU6AGL	HJU6AGL24
Gray	HJU6AGY	HJU6AGY24
Green	HJU6AGN	HJU6AGN24
Ivory	HJU6AEI	HJU6AEI24
Office White	HJU6AOW	HJU6AOW24
Orange	HJU6AOR	HJU6AOR24
Pink	HJU6APK	HJU6APK24
Purple	HJU6AP	HJU6AP24
Red	HJU6AR	HJU6AR24
White	HJU6AW	HJU6AW24
Yellow	HJU6AY	HJU6AY24

NEXTSPEED Ascent Category 6A Panel Kits

Format	Color	Rack Unit	Standard Catalog No.	Angled Catalog No.
24 Port	Black	1	HPJ6A24	HPJ6A24A
48 Port	Black	2	HPJ6A48	HPJ6A48A

Includes panel, HJU6ABK jacks, cable management bar(s), and rack screws

Modular Unloaded Panels

Format	Color	Rack Unit	Standard Catalog No.	Angled Catalog No.
24 Port	Black	1	HPJ24	HPJ24A
48 Port	Black	2	HPJ48	HPJ48A

High Density Unloaded Panels

Format	Color	Rack Unit	Standard Catalog No.	Angled Catalog No.
24 Port	Black	1	UDX48E1U	UDX48A1U
48 Port	Black	1/2	HDPJ24	HDPJ24A

Panels available in white
Angled panels protrude 4.46" from the plane of the rack

NEXTSPEED Ascent Category 6A Reduced Diameter (RD) Cable, 1000 ft.

	Plenum NVP: 71%		Riser NVP: 66%	
Color	Reel in a Box	Spool	Reel in a Box	Spool
Black	C6ASPDSBK	C6ASPPDSBK	C6ASPDSBK	C6ASPPDSBK
Blue	C6ASPDSB	C6ASPPDSB	C6ASPDSB	C6ASPPDSB
Gray	C6ASPDSGY	C6ASPPDSGY	C6ASPDSGY	C6ASPPDSGY
Green	C6ASPDSGN	C6ASPPDSGN	C6ASPDSGN	C6ASPPDSGN
Orange	C6ASPDSOR	C6ASPPDSOR	C6ASPDSOR	C6ASPPDSOR
Purple	C6ASPDSP	C6ASPPDSP	C6ASPDSP	C6ASPPDSP
Red	C6ASPDSR	C6ASPPDSR	C6ASPDSR	C6ASPPDSR
White	C6ASPDSW	C6ASPPDSW	C6ASPDSW	C6ASPPDSW
Yellow	C6ASPDSY	C6ASPPDSY	C6ASPDSY	C6ASPPDSY

Copper Patch Cords and Assemblies

Hubbell patch® cords and cable assemblies are manufactured with top-quality components, tuned to the connectors and cables, creating a superior end-to-end system. Our high performance patch cords are constructed with customized patch cable and every cord is 100% tested, assuring reliability for your data center. Cords can be customized to your exact requirements for system performance, easy identification, and optimal cable management.

NEXTSPEED® HCL Series Low Diameter Patch Cords

28 AWG Low Diameter Patch Cords take up less space, improve airflow, increase flexibility, and reduce weight

Applications

- ETL-verified for TIA component NEXT and return loss

- S-shield provides superior ANEXT control on 6A version

- Slim, snagless, and plug-optimized for high density switch ports

- 10-gigabit application assurance

- Every cord is 100% performance tested

- Over 50% cross section area reduction for improved air flow

- Improved bend radius: 63% improvement on C6A and 40% on C6

- 24-pack bundles available to reduce packaging and speed up installation

APPLICATION NOTES
Derating Factor
        Cat. 6A: 1.95
        Cat. 6: 1.87
Maximum Bundle
        802.3bt: 24 cables
        802.3at: 48 cables

NEXTSPEED HC Series Standard Patch Cords

Patch cords provide industry-leading data and POE performance to maximize bandwidth and ensure reliability in your data center applications

Applications

- ETL-verified for TIA component performance levels

- Slim, snagless, plug-optimized for high density switch ports

- 10-gigabit application assurance

- Qualified to 150% of 802.3bt PoE levels

- Every cord is 100% performance tested

NEXTSPEED® Ascent Low Diameter Category 6A Patch Cords

Nominal O.D. 0.186″; single pack; 24-piece bulk pack available up to 15′ (add X24 to catalog no.)

Color	Length (feet)							
	1′	3′	5′	7′	10′	15′	20′	25′
Black	HCL6ABK01	HCL6ABK03	HCL6ABK05	HCL6ABK07	HCL6ABK10	HCL6ABK15	HCL6ABK20	HCL6ABK25
Blue	HCL6AB01	HCL6AB03	HCL6AB05	HCL6AB07	HCL6AB10	HCL6AB15	HCL6AB20	HCL6AB25
Gray	HCL6AGY01	HCL6AGY03	HCL6AGY05	HCL6AGY07	HCL6AGY10	HCL6AGY15	HCL6AGY20	HCL6AGY25
Green	HCL6AGN01	HCL6AGN03	HCL6AGN05	HCL6AGN07	HCL6AGN10	HCL6AGN15	HCL6AGN20	HCL6AGN25
Orange	HCL6AOR01	HCL6AOR03	HCL6AOR05	HCL6AOR07	HCL6AOR10	HCL6AOR15	HCL6AOR20	HCL6AOR25
Pink	HCL6APK01	HCL6APK03	HCL6APK05	HCL6APK07	HCL6APK10	HCL6APK15	HCL6APK20	HCL6APK25
Purple	HCL6AP01	HCL6AP03	HCL6AP05	HCL6AP07	HCL6AP10	HCL6AP15	HCL6AP20	HCL6AP25
Red	HCL6AR01	HCL6AR03	HCL6AR05	HCL6AR07	HCL6AR10	HCL6AR15	HCL6AR20	HCL6AR25
White	HCL6AW01	HCL6AW03	HCL6AW05	HCL6AW07	HCL6AW10	HCL6AW15	HCL6AW20	HCL6AW25
Yellow	HCL6AY01	HCL6AY03	HCL6AY05	HCL6AY07	HCL6AY10	HCL6AY15	HCL6AY20	HCL6AY25

NEXTSPEED Ascent High Flex Standard Category 6A Patch Cords

Nominal O.D. 0.290″; single pack; 24-piece bulk pack available up to 15′ (add X24 to catalog no.)

Color	Length (feet)							
	1′	3′	5′	7′	10′	15′	20′	25′
Black	HC6ABK01	HC6ABK03	HC6ABK05	HC6ABK07	HC6ABK10	HC6ABK15	HC6ABK20	HC6ABK25
Blue	HC6AB01	HC6AB03	HC6AB05	HC6AB07	HC6AB10	HC6AB15	HC6AB20	HC6AB25
Gray	HC6AGY01	HC6AGY03	HC6AGY05	HC6AGY07	HC6AGY10	HC6AGY15	HC6AGY20	HC6AGY25
Green	HC6AGN01	HC6AGN03	HC6AGN05	HC6AGN07	HC6AGN10	HC6AGN15	HC6AGN20	HC6AGN25
Orange	HC6AOR01	HC6AOR03	HC6AOR05	HC6AOR07	HC6AOR10	HC6AOR15	HC6AOR20	HC6AOR25
Pink	HC6APK01	HC6APK03	HC6APK05	HC6APK07	HC6APK10	HC6APK15	HC6APK20	HC6APK25
Purple	HC6AP01	HC6AP03	HC6AP05	HC6AP07	HC6AP10	HC6AP15	HC6AP20	HC6AP25
Red	HC6AR01	HC6AR03	HC6AR05	HC6AR07	HC6AR10	HC6AR15	HC6AR20	HC6AR25
White	HC6AW01	HC6AW03	HC6AW05	HC6AW07	HC6AW10	HC6AW15	HC6AW20	HC6AW25
Yellow	HC6AY01	HC6AY03	HC6AY05	HC6AY07	HC6AY10	HC6AY15	HC6AY20	HC6AY25

Preterminated Copper Trunk Assemblies

BIDnet Preterminated Copper Trunk Assemblies are the ideal solution for data centers, open offices, and other applications where accuracy, reliability, and performance are critical factors

- Simplifies installation time by 75%
- Reduces initial installation cost by 30%
- 100% factory tested and assembled
- Mission Critical* 25-year warranty

Contact your local Hubbell representative or customer service for additional information on custom patch cord requirements or BIDnet Preterminated Trunk Assemblies.

Fiber Overview

Hubbell Premise Wiring offers a full line of innovative, premium-quality fiber products to connect servers and switches and for storage.

Fiber **Assemblies**

Hubbell fiber optic assemblies feature the latest in both performance and density innovations. FiberHubb™ modular trunks provide the customization and bandwidth needed for today's high-performance networks. We have a dedicated fiber optic facility for inspection and testing to the highest industry standards and a quick turn ordering program.

Fiber **Cable**

Our premium quality fiber cable is made to order with the industry's highest performing optical fiber and is backed by our Mission Critical® 25-year warranty.

Fiber **Connectivity**

FiberHubb connectivity products offer modular, standards-compliant solutions for data center cabling infrastructure. The line features preterminated data center interconnect products, a complete line of field-installable PROclick® and splice-on connectors, a full complement of FSP adapter panels, and MPO, splice, and splitter cassettes.

Fiber **Enclosures and Panels**

Our top-quality fiber enclosures are designed for maximum utility and ease of installation. They include FCR Series enclosures, high density FHD1U and FHDV1U Series enclosures with 144 LC ports in a one-unit rack space, and enclosures compliant with U.S. government trade agreements.

Custom Fiber Trunk Assemblies

Features

- Customizable connectors, length, color, and cable construction
- Built with Corning ClearCurve® fiber
- Premium low-loss connector options provide easy polarity and gender field changes
- Available in all standard fiber counts
- Assembled in USA

Standards

- GR-326; Telcordia
- ANSI/TIA-568.3-D
- IEEE 802.3
- RoHS; UL 94 V-0; NFPA 262

MPO Low Loss Performance

Parameter	Single Mode (OS2)	Multimode (OM4)
Insertion Loss (Typ)	0.1	0.08
Insertion Loss (Max)	0.3	0.3
Return Loss	≥ 60	≥ 25
Max Attenuation (dB/km)	0.5 / 0.4	3.0 / 1.0
Link Length (m)	10,000 (10Gb)	550 (10Gb)
Operating Temp (°C)	-40 to +75	

Physical Specifications

Fiber Count	Nominal OD in (mm)	Weight lbs/km	Bend Radius (cm)		Temperature Range	
			Operation	Install	Storage	Operating
12	0.12 (3)	12.5	2	4	-40C to 70C	0C to 70C
24	0.25 (6.3)	87.5	6.3	12.6	-40C to 70C	0C to 70C
48	0.26 (6.6)	100	6.6	13.2	-40C to 70C	0C to 70C
72	0.31 (8)	150	8	16	-40C to 70C	0C to 70C
96	0.37 (9.3)	200	9.3	18.6	-40C to 70C	0C to 70C
144	0.42 (10.6)	250	10.6	21.2	-40C to 70C	0C to 70C

Catalog Number Configurator

Fiber Count	Cat #	Fiber Type	Cat #	Jacket Color	Cat #	End A	Cat #	End B	Cat #	Polarity	Cat #	Labeling	Cat #	Length	Cat #	Pulling Eye	Cat #
12	**12**	OM4	**M4**	Aqua (OM4)	**AQ**	MPO	**MPO**	MPO	**MPO**	Type A	**A**	Custom label	**CL**	Feet	**1-1999**	Yes	**PE**
24	**24**	OS2	**SM**	Yellow (OS2)	**YW**	MPO	**MPOM**	MPO	**MPOM**	Type B	**B**					No	**NPE**
48	**48**			Any	**XX**	LC	**LC**	LC	**LC**	Type C	**C**						
72	**72**							Open	**X**								
96	**96**																
144	**144**																

Example part: **FPC-LTP12M4AQ-MPO-MPO-A-10FT-NPE**

Fiber cord, plenum, 12F, OM4, MPO to MPO, Type A, 10 Feet, no pulling eye

(Assumes FPC-LTP for loose tube plenum cable construction)

*Above configuration table represents common builds. Custom fiber counts, cable construction, and jacket colors available upon request. Contact a Hubbell representative for more information.

FPC-LTP48M4AQ-MPO-MPO-A-10FT-NPE

FPC-LTP96M4AQ-MPO-MPO-A-10FT-NPE

FPC-LTP24M4AQ-MPO-LC-A-10FT-NPE

FPC-LTP72M4AQ-MPO-LC-A-10FT-NPE

FPC-LTP72M4AQ-LC-LC-A-10FT-NPE

Fiber Patch Cords

For consistent performance, use FiberHubb™ patch cords in your fiber network. The seamless choice for any fiber interconnect application, these premium cords feature a compact cable size and precision factory termination.

- Reversable polarity high density
- Push/pull options
- Bend-insensitive fiber on all Hubbell patch cords
- OM3, OM4, OS2, OM5, and other custom options available

FiberHubb Series Patch Cords

Description	Cable Color	Length (meters)			
		1m	2m	3m	5m
Standard					
LC to LC, OM4	AQ	**FDLC1MM**	**FDLC2MM**	**FDLC3MM**	**FDLC5MM**
LC to LC, OS2	YL	**FDLC1SM**	**FDLC2SM**	**FDLC3SM**	**FDLC5SM**
Custom					
Riser					
LC to SC, OM4	AQ	**DFHRCLCSCF1MM**	**DFHRCLCSCF2MM**	**DFHRCLCSCF3MM**	**DFHRCLCSCF5MM**
LC to SC, OS2	YL	**DFHRCLCSCS1SM**	**DFHRCLCSCS2SM**	**DFHRCLCSCS3SM**	**DFHRCLCSCS5SM**
Plenum					
LC to LC, OM4	AQ	**DFHPCLCLCF1MM**	**DFHPCLCLCF2MM**	**DFHPCLCLCF3MM**	**DFHPCLCLCF5MM**
LC to SC, OM4	AQ	**DFHPCLCSCF1MM**	**DFHPCLCSCF2MM**	**DFHPCLCSCF3MM**	**DFHPCLCSCF5MM**
LC to LC, OM4	VL	**DFHPCLCLCF1MVI**	**DFHPCLCLCF2MVI**	**DFHPCLCLCF3MVI**	**DFHPCLCLCF5MVI**
LC to LC, OS2	YL	**DFHPCLCSCS1SM**	**DFHPCLCSCS2SM**	**DFHPCLCSCS3SM**	**DFHPCLCSCS5SM**
LC to SC, OS2	YL	**DFHPCLCSCS1SM**	**DFHPCLCSCS2SM**	**DFHPCLCSCS3SM**	**DFHPCLCSCS5SM**

Custom cords are available in Plenum or Riser in any length

Fiber Optic Cable

Core cable offering stocked for prime availability. FiberHubb™ core cable offering ready for custom cut lengths.

- Fully supported by the Hubbell Mission Critical® 25-year warranty
- Custom cable cuts available upon request
- Lead times from 2-5 days after receipt of order for stocked cable
- Rugged constructions available for both indoor and indoor/outdoor applications
- RoHS-compliant, flame-retardant cable
- E-Z strip buffer with new dash style color stripes for contractor-friendly termination
- Manufactured in the USA

- UL 1569
- UL 1651
- UL 1666
- NFPA 130 (Plenum)
- NFPA 262
- ANSI/ICEA S-83-596
- ANSI/ICEA S-104-696
- ANSI/TIA-568.3-D
- RoHS Compliant

Stock Fiber Optic Cables

Plenum Indoor Interlock Armored Tight Buffer

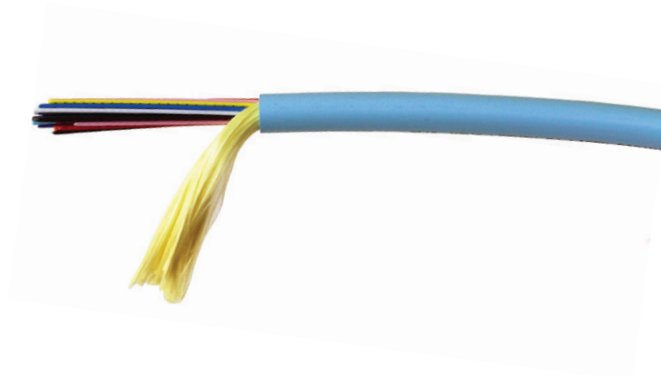| Strand Count	Fiber Type	Color	Diameter Inches (mm)	Cable Weight (lb/ft)	Reel Capacity	Catalog No.
6	OM3	Aqua	0.512 (13.0)	0.165	6,000 (48" reel)	**HFCD15006P3**
6	OS2	Yellow	0.512 (13.0)	0.165	6,000 (48" reel)	**HFCB15006PS**
12	OM4	Aqua	0.579 (14.7)	0.170	6,000 (48" reel)	**HFCD15012P4**
12	OS2	Yellow	0.579 (14.7)	0.170	6,000 (48" reel)	**HFCD15012PS**
24	OM4	Aqua	0.638 (16.2)	0.190	5,000 (48" reel)	**HFCD15024P4**

HFCB designates Hubbell Premise Wiring branded cable jacket

Plenum and Riser Indoor/Outdoor Tight Buffer

Strand Count	Fiber Type	Color	Diameter Inches (mm)	Cable Weight (lb/ft)	Reel Capacity	Catalog No.
6	OM3	Black	0.189 (4.8)	0.020	10,000 (30" reel)	**HFCD14006P3BK**
6	OS2	Black	0.189 (4.8)	0.020	10,000 (30" reel)	**HFCD14006RSBK**

OM4 features Corning® ClearCurve G.657.A1 Bend Insensitive Fiber

OS2 incorporates Corning® SMF-28® Ultra Singlemode G.652.D/G.657.A1 Bend Insensitive Fiber

Splice-On Connectors

The FiberHubb™ Splice-On Connector is the quickest prepolished factory terminated pigtail to prepare, splice, and install.

The 27mm splice protection sleeve is encapsulated and protected by the strain relief boot eliminating the need for splice trays, chips, and extra cabinets. When used with the required universal holder the Splice-On Connector can be used with a variety of fusion splicers.

Each 900μm FiberHubb Splice-On Connector includes:

- Connector
- Cleave protector
- 900μm boot
- Fusion splice sleeve

Splice-On Connectors

Fiber Type	Connector Style			
	LC	SC	ST	FC
OM3/OM4 Multimode 50	FCLCF900M50GBP	FCSCF900M50GBP	FCSTF900M50GBP	FCFCF900M50GBP
OM2 Multimode 50	FCLCF900M50BP	FCSCF900M50BP	FCSTF900M50BP	FCFCF900M50BP
OM1 Multimode 62.5	FCLCF900M62BP	FCSCF900M62BP	FCSTF900M62BP	FCFCF900M62BP
OS2 Singlemode UPC	FCLCF900SMBP	FCSCF900SMBP	FCSTF900SMBP	FCFCF900SMBP
OS2 Singlemode APC	FCLCF900SMABP	FCSCF900SMABP	–	FCFCF900SMABP

Pack of 10 connectors, each in a protective blister pack with cleave protector, 900um boot and splice sleeve
Compatible with fusion splicers having a removable fiber holder (See application chart below)
Holder fixer (splice sled) required (sold separately)
See application table below

Splice Connector Fixture Application Chart

Fusion Splicer Model	Fusion Splicer Manufacturer	Catalog Number
AFL/Fujikura	12S, 17S, 18S, 19S, 31S, 41S, 60S, 62S, 70S, 90S	FCSPLFXTPA
OFS/Fitel	S123, S153, S178 Ninja, S179	FCSPLFXTPF FCSPLFXTP2
Sumitomo	Q101, Q102, T56, QH201, Type 66, Type 39	FCSPLFXTPS
FiberFox	Mini 6S, Mini 4S, Mini 5C	FCSPLFXTPCA3
FIS	AC4, AC5 CA3 CA6	FCSPLFXTPAC4 FCSPLFXTPCA3 FCSPLFXTPS

FiberHubb Splice-On Connector holder design is available in stock for most industry-leading fusion splicers; giving the installer the luxury of installing a splice-on connector with the tools they already have.

Each splice-on connector holder will allow you to splice SC, LC, ST and FC connectors, with 1.6mm, 2.0mm, and 3.0mm cordage holders available for your more rugged installations. See the table below to find your fusion splice combinations.

FCSPLFXTPA
FCSPLFXTPF
FCSPLFXTPF2
FCSPLFXTPS
FCSPLFXTCA3
FCSPLFXTPAC4
FCSPLFXTPCA3
FCSPLFXTPS

Prepolished Connectors

Standards

- ANSI/TIA-568.3
- TIA-604-FOCIS
- Telcordia GR-326-CORE

Prepolished Connectors

900 µM cable, 10mm cleave length

Color	Fiber Type	12-Pack	100-Pack
LC PROclick®			
Aqua	50µM, OM3/OM4	**FCLC900K50GM12**	**FCLC900K50GM100**
Beige	62.5µM, OM1	**FCLC900K62M12**	–
Black	50µM, OM2	**FCLC900K50M12**	–
Blue	SM, OS2	**FCLC900KSM12**	**FCLC900KSM100**
SC PROclick®			
Aqua	50µM, OM3/OM4	**FCSC900K50GM12**	**FCSC900K50GM100**
Beige	62.5µM, OM1	**FCSC900K62M12**	–
Black	50µM, OM2	**FCSC900K50M12**	–
Blue	UPC SM, OS2	**FCSC900KSM12**	**FCSC900KSM100**
Green	APC SM, OS2	**FCSC900KASM12**	–
ST 2Click®			
Aqua	50µM, OM3/OM4	**FCST50GM12**	–
Beige	62.5µM, OM1	**FCST62M12**	–
Black	50µM, OM2	**FCST50M12**	–
Blue	SM, OS2	**FCSTSM12**	–

PROclick® Fiber Tool Kit

Description	Catalog Number
3 Includes: cleave and strip tools, scissors, pocket visual fault locator, launch cord, adapter insert and bullet, clamp, work mat, cleaning fluid and wipes, safety glasses, case	**OFPROKT1**

Tools

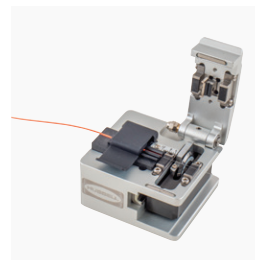| Description		Catalog Number
Fiber Cleavers	Multimode only, score and snap style	**OFCLV3**
	SM or MM fiber, precision, with case	**OFCLV5**
Visual fault locator (ST, SC, LC); use during termination for optimum test results		**OFVFLKT1**

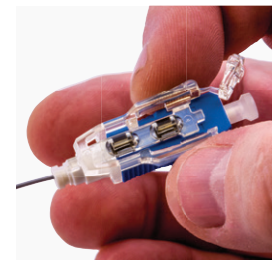## Four Easy Termination Steps

1. Strip   **2. Wipe**   **3. Cleave**   **4. Insert and Click**

Cleave tool OFCLV3 suitable for multimode only. Visual Fault Locator OFVFLKT1 recommended during termination. Precision cleave tool OFCLV5 required for singlemode terminations. Use precision cleave tool for optimum performance.
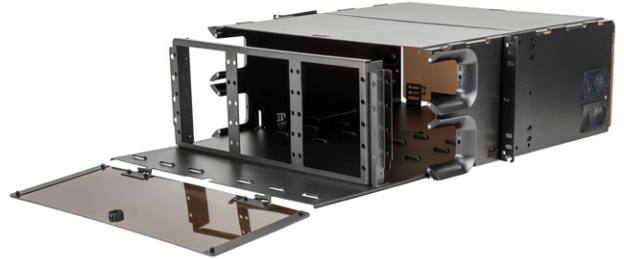
FCR-X Fiber Enclosures

Our new FCR-X enclosures deliver innovation and enhancements to splice capacity, cable management, and port administration. The 17″ depth maximizes space for interconnections, splice trays, and cable slack storage. The slide-out, tilt-down bottom tray and two removable top covers provide optimum internal access, from the front to the rear of the enclosure.

A user-friendly clip-on labeling system facilitates port assignments and accepts user-generated labels. Cable management features and hardware optimizes cable bend radius for standards-compliant installation.

Features

- 17″ depth relieves cable congestion

- Two removable top covers for optimum internal access

- Patented cable bend relief bezels

- Easy entry rear grommets

- User-friendly clip-on labeling on front door

- Magnetic catches to secure front door and push-pins on rear door

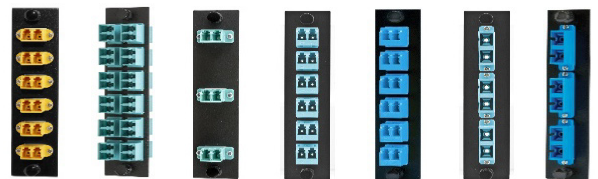- Slide-out, tilt-down bottom tray allows for optimum access to adapter cassettes and panels

FCR-X Series Enclosures

Catalog Number	Configuration	FSP Panels	Splice Trays	Maximum LC Ports
FCR1U3SPX	1U	3	3	72
FCR2U6SPX	2U	6	6	114
FCR2U9SPX	2U, Staggered Slots	9	6	216
FCR3U12SPX	3U	12	12	288
FCR4U12SPVX	4U, Vertical Slots	12	16	288
FCR4U15SPX	4U	15	16	360

SM Cassettes and Adapter Panels

Fiber Type	MPO Cassettes	Splice Cassettes	Adapter Panels
OM4	OCLC50G4	OCSPLCD6M4	FSPNLCDS3AQ
SM	OCLCSM	OCSPLCD6S2	FSPNLCDS3B
OM4	OCLCD50G4	OCSPLCD12M4	FSPNLCDS6AQ
SM	OCLCDSM	OCSPLCD12S2	FSPNLCDS6B
OM4	OCLCQ50G4	OCSPLCQ24M4	FSPNLCDS12AQ
SM	OCLCQSM	OCSPLCQ24S2	FSPNLCDS12B

Infrastructure Overview

Our infrastructure solutions provide security and flexibility for network devices, cable management, bonding, and grounding components for data center and remote applications.

Metal **Full Size Cabinets**

HDC cabinets are welded-frame products that fulfill all the high-density cabling and airflow requirements of today's data center. They can be configured with our online tool for ease of design and ordering.

Metal **Power Distribution**

Our rack mount power distribution units (PDU) feature a full line of both basic and intelligent PDUs for use in data centers, telecommunications rooms, and remote sites. Basic PDUs provide reliable always-on power. The intelligent solutions include power monitoring and the capability to switch power on and off using our innovative switching cords.

Metal **Bonding and Grounding**

Our full line of grounding and bonding products protect and secure active equipment from harmful electrical interference.

Metal **Ladder and Basket Trays**

Hubbell ladders and basket trays are available for both overhead and raised floor applications. Field-configurable, they deliver innovative, flexible cable management solutions with enhanced capacity and proper support for bend radius.

HDC Data Center Cabinets

Rugged HDC data center cabinets exceed your full-size network and server cabinet requirements for today and the future. The feature-rich design provides a superior installation experience—simple and fast.

Features

- Supports up to 4,000 lbs static load and 2,500 lbs dynamic load on a welded frame construction

- Mesh doors with lockable handle: reversable front and split rear

- Locking split sidewalls

- Two pairs of movable EIA mounting rails

- Integrated M6 ground connection

- Includes adjustable levelers and casters

- UL 2416 Listed

Use the Online Configurator to specify your exact solution

- Height: 42U, 45U, or 48U

- Width: 24″ (600mm) or 32″ (800mm)

- Depth: 44″ (1100mm) or 48″ (1200mm)

- Select power distribution units

- Select horizontal and vertical cable managers and filler panels

- Standard colors: black or white

   www.hubbell.com/config/en/hdc

Your solution ships fast

It's the ultimate value-add: configure your HDC cabinet and it ships fast to meet your project deadlines. Twelve standard solutions are in stock or use our online configurator to match your exact needs.

The HDC becomes the backbone of your end-to-end data center infrastructure solution. Hubbell makes everything complete as your single-source provider.

HDC Data Center Cabinet

RU	Height mm (in)	Width mm (in)	Depth mm (in)	Color	Catalog No.
42	2006 (79)	600 (24)	1100 (44)	Black	**HDC422444BK**
42	2006 (79)	600 (24)	1100 (44)	White	**HDC422444WH**
42	2006 (79)	600 (24)	1200 (48)	Black	**HDC422448BK**
42	2006 (79)	600 (24)	1200 (48)	White	**HDC422448WH**
42	2006 (79)	800 (32)	1100 (44)	Black	**HDC423224BK**
42	2006 (79)	800 (32)	1100 (44)	White	**HDC423224WH**
42	2006 (79)	800 (32)	1200 (48)	Black	**HDC423248BK**
42	2006 (79)	800 (32)	1200 (48)	White	**HDC423248WH**
45	2143 (84)	600 (24)	1100 (44)	Black	**HDC452444BK**
45	2143 (84)	600 (24)	1100 (44)	White	**HDC452444WH**
45	2143 (84)	600 (24)	1200 (48)	Black	**HDC452448BK**
45	2143 (84)	600 (24)	1200 (48)	White	**HDC452448WH**
45	2143 (84)	800 (32)	1100 (44)	Black	**HDC453244BK**
45	2143 (84)	800 (32)	1100 (44)	White	**HDC453244WH**
45	2143 (84)	800 (32)	1200 (48)	Black	**HDC453248BK**
45	2143 (84)	800 (32)	1200 (48)	White	**HDC453248WH**
48	2273 (89)	600 (24)	1100 (44)	Black	**HDC482444BK**
48	2273 (89)	600 (24)	1100 (44)	White	**HDC482444WH**
48	2273 (89)	600 (24)	1200 (48)	Black	**HDC482448BK**
48	2273 (89)	600 (24)	1200 (48)	White	**HDC482448WH**
48	2273 (89)	800 (32)	1100 (44)	Black	**HDC483244BK**
48	2273 (89)	800 (32)	1100 (44)	White	**HDC483244WH**
48	2273 (89)	800 (32)	1200 (48)	Black	**HDC483248BK**
48	2273 (89)	800 (32)	1200 (48)	White	**HDC483248WH**

HDC Data Center Cabinet Accessories

RU	Description	Catalog No.
1	1 RU Filler Panel (Package of 10)	**HDCFP**
2	2 RU Filler Panel (Package of 5)	**HDCFP2**
–	Front to rear cable rough (800mm wide cabinet)	**HDCFRT**
–	Cable management fingers (package of 7)	**HDCVCM**

Power Distribution Units

Vertical and Horizontal PDU

- Complete line of basic and intelligent switched ready cabinet mount power distribution units

- Vertical or horizontal configurations

- Single and three-phase

- 15A up to 60A

- Multiple receptacle configurations and densities, including C-13 and C-19
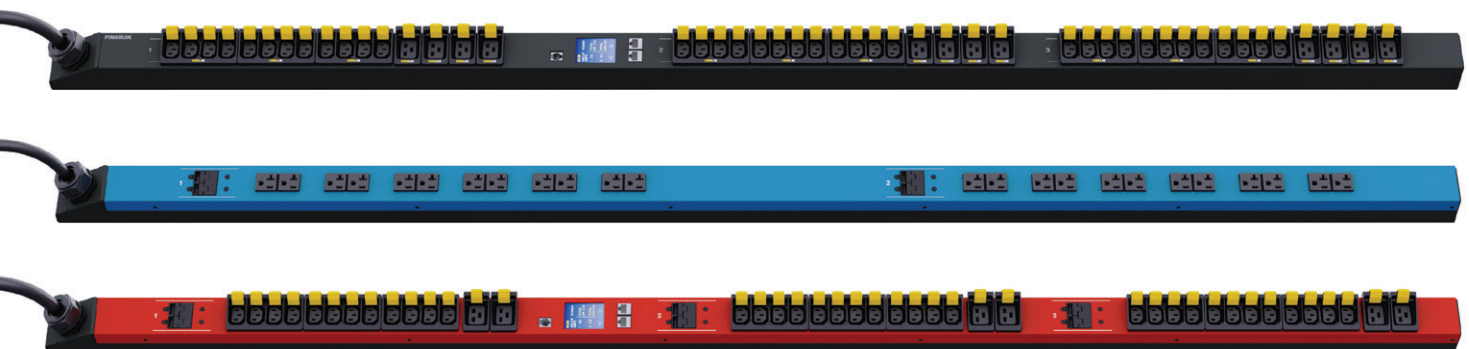
Features and Benefits

- Superior cord locking using standard plugs to prevent inadvertent disconnections

- Monitored and switch-enabled. Use Hubbell switching cords for equipment capability, only pay for the switching capability of equipment being powered

- Up to four environmental sensors per intelligent PDU measuring temperature and humidity

- Compact size measuring only 2.18" wide, 2.0" deep for PDUs up to 60A 3 phase

- Assembled in North America

Power Distribution Types

- Basic – "Always on" reliable power

- Switch-ready – Monitor outlet power and turn equipment off and on with Hubbell switching cords

- Available with or without breakers

Online Intelligent Power Distribution Features and Benefits

- Power cycle equipment using Hubbell switching cords

- Monitor cabinet temperature and humidity with up to 4 environmental sensors per PDU. Provisions to set thresholds

- Built-in web browser that displays total power consumption and temperature over last 2 weeks in graphical view

- Dual NICs allow multiple PDU monitoring and minimal IP address usage

- SNMP V3 encrypted

Basic, Monitored, and Switch-ready Intelligent Power Distribution Unit, 72"

Catalog No.	Nominal Voltage (VAC)	Input Current (A)	Input Power Cord	Receptacle Group	Catalog No.	Nominal Voltage (VAC)	Input Current (A)	Input Power Cord	Receptacle Group
PV72BA20AA-XXXX	120V 1P	20	L5-20P	24 L5-20R	PV72BD50GE-XXXX	208V 3P	50	CS8365C	24 C13 & 12 C19
PV72IA20AA-XXXX	120V 1P	20	L5-20P	24 L5-20R	PV72ID50GE-XXXX	208V 3P	50	CS8365C	24 C13 & 12 C19
PV72BA30BA-XXXX	120V 1P	30	L5-30P	24 L5-20R	PV72BD50GF-XXXX	208V 3P	50	CS8365C	18 C13 & 18 C19
PV72IA30BA-XXXX	120V 1P	30	L5-30P	24 L5-20R	PV72ID50GF-XXXX	208V 3P	50	CS8365C	18 C13 & 18 C19
PV72BB20CC-XXXX	208V 1P	20	L6-20P	32 C13 & 4 C19	PV72BD60HD-XXXX	208V 3P	60	IEC 60309	36 C13 & 6 C19
PV72IB20CC-XXXX	208V 1P	20	L6-20P	32 C13 & 4 C19	PV72ID60HD-XXXX	208V 3P	60	IEC 60309	36 C13 & 6 C19
PV72BB30DD-XXXX	208V 1P	30	L6-30P	36 C13 & 6 C19	PV72BD60HE-XXXX	208V 3P	60	IEC 60309	24 C13 & 12 C19
PV72IB30DD-XXXX	208V 1P	30	L6-30P	36 C13 & 6 C19	PV72ID60HE-XXXX	208V 3P	60	IEC 60309	24 C13 & 12 C19
PV72BC30ED-XXXX	208V 3P	30	L21-30P	36 C13 & 6 C19, 2 L5-20R	PV72BD60HF-XXXX	208V 3P	60	IEC 60309	18 C13 & 18 C19
PV72IC30ED-XXXX	208V 3P	30	L21-30P	36 C13 & 6 C19, 2 L5-20R	PV72ID60HF-XXXX	208V 3P	60	IEC 60309	18 C13 & 18 C19
PV72BD30FD-XXXX	208V 3P	30	L15-30P	36 C13 & 6 C19	PV72BE20HG-XXXX	415V 3P	20	IEC 60309	36 C13 & 12 C19
PV72ID30FD-XXXX	208V 3P	30	L15-30P	36 C13 & 6 C19	PV72IE20HG-XXXX	415V 3P	20	IEC 60309	36 C13 & 12 C19
PV72BD35GD-XXXX	208V 3P	35	CS8365C	36 C13 & 6 C19	PV72BE30HH-XXXX	415V 3P	30	IEC 60309	30 C13 & 12 C19
PV72ID35GD-XXXX	208V 3P	35	CS8365C	36 C13 & 6 C19	PV72IE30HH-XXXX	415V 3P	30	IEC 60309	30 C13 & 12 C19
PV72BD50GD-XXXX	208V 3P	50	CS8365C	36 C13 & 6 C19	PV72BE60HI-XXXX	415V 3P	60	IEC 60309	27 C19
PV72ID50GD-XXXX	208V 3P	50	CS8365C	36 C13 & 6 C19					

Catalog Number Configurator

First 4 Char.		5th Char.		6th Char.		7th & 8th Char.		9th Char.		10th Char.		−	11th & 12th Char		13th & 14th Char.	
Product description	Cat #	Intelligent option	Cat #	Volts & phase	Cat #	Amps	Cat #	Plug type	Cat #	Receptacles	Cat #		Cord length	Cat #	Cover color	Cat #
Power Dist. Vertical 72"	PV72	Basic	B	Single Phase 120	A	20	20	L5-20P	A	(24) 5-20R	A	−	6'	6	Black*	(blank)
		Intelligent	I	Single Phase 208	B	30	30	L5-30P	B	(2) 5-20R	B	−	10'	10	Blue	BL
				Three Phase 208Y	C	35	35	L6-20P	C	(32) C13 & (4) C19	C	−			Red	RD
				Three Phase 240D	D	50	50	L6-30P	D	(36) C13 & (6) C19	D	−			White	WH
				Three Phase 415Y	E	60	60	L21-30P	E	(24) C13 & (12) C19	E	−				
								L15-30P	F	(18) C13 & (18) C19	F	−				
								CS8365C	G	(36) C13 & (12) C19	G	−				
								IEC 60309 (IP44)	H	(30) C13 & (12) C19	H	−				
								IEC 60309 (IP67)	I	(27) C19	I	−				

*Default color

inSIGHT Environmental Sensor Kits and Connecting Cords

Catalog #	Description
PENVPODA	One sensor (A) and 6 foot connecting cord
PENVPODAB	Two sensors (A, B) and two 6 foot connecting cords
PENVPODABC	Three sensors (A, B, C) and three 6 foot connecting cords
PENVPODABCD	Four sensors (A, B, C, D) and four 6 foot connecting cords
PENVCORD-06	6 foot connecting cord
PENVCORD-09	9 foot connecting cord

inSIGHT Switching Cords

Catalog #	Description
PSWCRDC1314-5	Outlet switching and metering, C13-C14, 5 foot
PSWCRDC1920-5	Outlet switching and metering, C19-C20, 5 foot

Bonding and Grounding

Hubbell bonding and grounding solutions protect active equipment from harmful electrical interference.
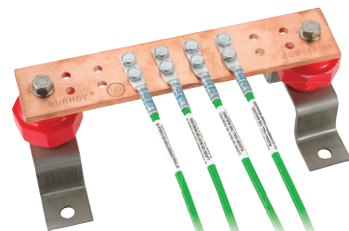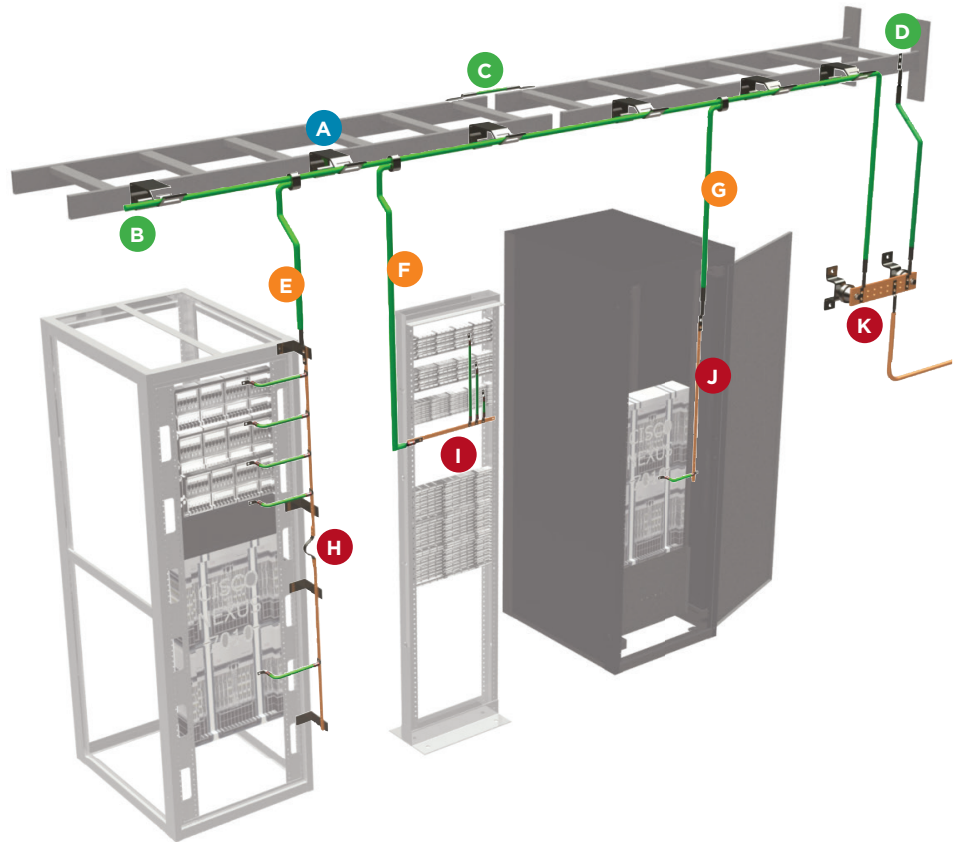
Applications

- All active equipment needs to be bonded to the grounding building system.

- Grounding of infrastructure equipment through a telecommunications grounding busbar including:

  - Racks and cabinets

  - Ladder racks

  - Basket trays

  - Raised floor

Kits include:

- Rack ground busbar

- Telecommunications grounding busbar

- Telecommunications main grounding busbar

- Insulators and assembly hardware

- Available with tin plating

Diagram

A Conductor bracket for ladder **HGBTEBCBRKL10**

B 12ft Conductor with double lug **HGRKTD144DB**

C Ladder tray jumper **HGRKTD9D**

D Ladder to conductor **HGRKTD60DB**

E Conductor with C-tap to 76″ busbar **HGRKTD60C46**

F Conductor with C-tap to 19″ busbar **HGRKTDA60C46**

G Conductor with C-tap to 36″ busbar **HGRKTDB60C46**

H 76″ x ¾″ vertical busbar **HBBBVR76KT**

I 19″ Horizontal busbar **HBBBHR19KT**

J 36″ x ¾″ Vertical busbar **HBBBVR36KT**

K 10″ x 2″ Wall mounted busbar **HBBB14210A**

On-rail Kits

Includes: 19" RGB busbar (HBBBHR19KT), mounting insulators, mounting hardware, lug mounting hardware, 60" 6AWG conductor (HGRKTX60D), VELCRO® brand fastener straps, Penetrox™ antioxidant

Description	Material	Single Pack	10-Pack
On-rail mounted; 19" rack grounding busbar	Copper	HGRKTHC	HGRKTHC10
	Tin-plated	HGRKTHT	HGRKTHT10

In-cabinet Kits

Includes: 36" RGB busbar (HBBBVR36KT), mounting insulators, mounting hardware, lug mounting hardware, 60" 6AWG conductor (HGRKTX60DB), VELCRO brand fastener straps, Penetrox antioxidant

Description	Material	Single Pack	10-Pack
In-cabinet mounted; 36" rack grounding busbar	Copper	HGRKTVC	HGRKTVC10
	Tin-plated	HGRKTVT	HGRKTVT10

Braided Jumper

Length Inches (mm)	Width Inches (mm)	Hole Size Inches	Hole Spacing Inches	Quantity	Catalog No.
6" (152)	0.5" (13)	¼"	–	10	HGBBD6S10
9" (229)	0.5" (13)	¼"	–	10	HGBBD9S10
8" (203)	0.94" (24)	³/₈"	1.0" (25)	1	HGBBD8
12" (305)	0.94" (24)	³/₈"	1.25" (32)	1	HGBBD12
18" (457)	0.94" (24)	³/₈"	1.25" (32)	1	HGBBD18
24" (610)	0.94" (24)	³/₈"	1.25" (32)	1	HGBBD24

QUADCAB® Wall Mount Cabinet Ground Kit

Description	Catalog No.
Ground bar with (6) ¼"-20 male studs; (2) ¼"-20 carriage bolts and isolating hardware; (2) ground straps; (6) ¼"-20 nuts with star washers	REKGB

Wall-mounted Busbars

Busbar kit includes: copper busbar with stainless steel brackets and insulators; (1) 6AWG lug; (1) 2AWG lug; (2) 2/0AWG lugs; (1) 4/0AWG lug; stainless steel lug mounting hardware; Penetrox antioxidant; ground label

Size	10-Pack
2" x 10"	HGRKTTGB10A
4" x 16"	HGRKTTMGB16H

High Flex Jumper

Color	Gauge	Length	Catalog No.
Green/Yellow	#10 AWG	7"	HGBHF7
		9"	HGBHF9
		12"	HGBHF12
		14"	HGBHF14
		18"	HGBHF18
		24"	HGBHF24
		30"	HGBHF30

Busbars

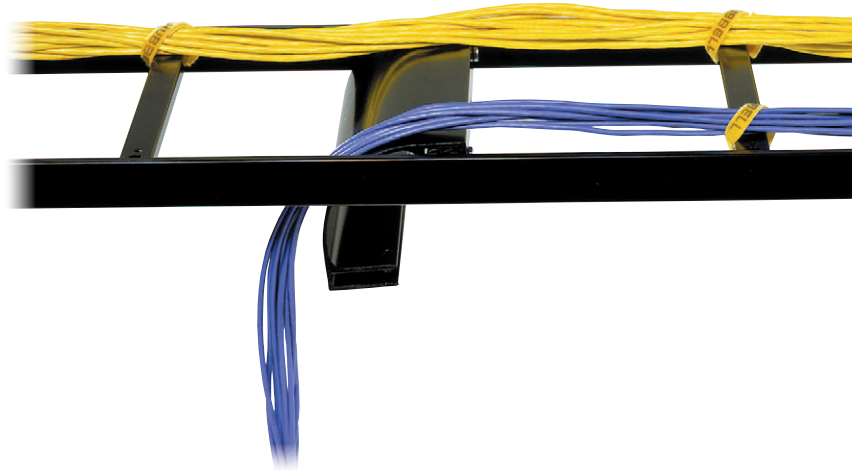| Includes	Height	Length	Thickness	Total Holes	I.D.	Space	Catalog No.
Insulators, mounting hardware	¾"	19"	¼"	14	7x #12-24 threaded	–	HBBBHR19KT
Insulators, mounting hardware	1"	19"	¼"	20	10x #12-24 threaded	–	HBBBHR191KT
Insulators, mounting hardware	s"	36"	¼"	16	8x #12-24 threaded	1x a" threaded studs	HBBBVR36KT
Insulators, mounting hardware, 8" braid	s"	76"	¼"	32	16x #12-24 threaded	2x a" threaded studs	HBBBVR76KT
Insulators, mounting bracket	2"	10"	¼"	16	8		HBBB14210A
Insulators, mounting bracket	2"	12"	¼"	18	6	3	HBBB14212
Insulators, mounting bracket	2"	24"	¼"	38	16	3	HBBB14224B
Insulators, mounting bracket	4"	12"	¼"	36	15	3	HBBB14412
Insulators, mounting bracket	4"	16"	¼"	44	11	11	HBBB14416H
Insulators, mounting bracket	4"	20"	¼"	60	25	5	HBBB14420
Insulators, mounting bracket	4"	20"	¼"	68	17	17	HBBB14420J

Ladder Trays

Hubbell ladder and basket trays solutions are flexible and field-configurable. They feature superior cable management, greater capacity, along with proper support and bend radius management.

Available for overhead and raised floor applications, they save on labor time and minimize waste.

Applications

- Overhead in rack and cabinet rows
- Under a raised floor

Features

- Material: 16 gauge tubular steel
- Durable powder coat
- Stringer dimensions: 0.375" W x 1.5" H
- Rung spacing: 9.0"
- Weight capacity: 45lb/foot

Straight Sections

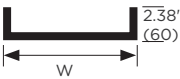| Width Inches (mm)	6' (1829) Length		10' (3048) Length	
	Gray	Black	Gray	Black
6" (152)	HLS0606G	HLS0606B	HLS1006G	HLS1006B
12" (305)	HLS0612G	HLS0612B	HLS1012G	HLS1012B
18" (457)	HLS0618G	HLS0618B	HLS1018G	HLS1018B
24" (610)	HLS0624G	HLS0624B	HLS1024G	HLS1024B

Note: Width = outside to outside dimensions.

90° Turns

Width Inches (mm)	Inside Radius 90°		Outside Radius 90°	
	Gray	Black	Gray	Black
6" (152)	HLI0690G	HLI0690B	HLO0690G	HLO0690B
12" (305)	HLI1290G	HLI1290B	HLO1290G	HLO1290B
18" (457)	HLI1890G	HLI1890B	HLO1890G	HLO1890B
24" (610)	HLI2490G	HLI2490B	HLO2490G	HLO2490B

Width Inches (mm)	Flat Turns 90°		Internal Radius 90°, 8.25" (210) Width	
	Gray	Black	Gray	Black
6" (152)	HLF0690G	HLF0690B	HLCG	HLCB
12" (305)	HLF1290G	HLF1290B		
18" (457)	HLF1890G	HLF1890B		
24" (610)	HLF2490G	HLF2490B		

Wire Basket Trays

Features

- T-weld construction prevents snags
- 5mm round wire minimum
- High load rating
- Easy to cut and fabricate fittings in the field
- 100% recycled steel
- 2" x 4" mesh opening

- Use factory support hardware or fabricate supports at the job site
- Painted tray includes factory installed masking to ensure proper grounding at splices; no need to remove paint during installation

10 Feet per Length 118.3" (3m) 10 Piece Min. Order Qty.	Tray Width in (mm)	Load (lb/ft)	Tray Weight per Length (lb)	Splice Quantity 90° Sweep Elbow	Splice Quantity Straight Splice	Round Cross-Wire Finish Pregalvanized	Round Cross-Wire Finish Black Powder Coat	Flat Style Cross-Wire Finish Pregalvanized	Flat Style Cross-Wire Finish Black Powder Coat
2" Deep Tray	4" (102)	45	7	2	2	HBT0204	HBT0204BK	HBT0204S	HBT0204SBK
	6" (152) •	50	9	3	4	HBT0206	HBT0206BK	HBT0206S	HBT0206SBK
	8" (203) •	52	10.5	4	4	HBT0208	HBT0208BK	HBT0208S	HBT0208SBK
	12" (305) •	58	12	6	4	HBT0212	HBT0212BK	HBT0212S	HBT0212SBK
	16" (406) •	70	15	7	4	HBT0216	HBT0216BK	HBT0216S	HBT0216SBK
	18" (457) •	70	23	9	4	HBT0218	HBT0218BK	HBT0218S	HBT0218SBK
	20" (508) •	73	25	9	5	HBT0220	HBT0220BK	HBT0220S	HBT0220SBK
	22" (559)	73	27	12	5	HBT0222	HBT0222BK	HBT0222S	HBT0222SBK
	24" (610) •	75	31	12	5	HBT0224	HBT0224BK	HBT0224S	HBT0224SBK
	26" (660)	73	33	13	6	HBT0226	HBT0226BK	HBT0226S	HBT0226SBK
	28" (711)	73	35	14	6	HBT0228	HBT0228BK	HBT0228S	HBT0228SBK
	30" (762)	70	38	15	6	HBT0230	HBT0230BK	HBT0230S	HBT0230SBK
	32" (813)	70	39	16	6	HBT0232	HBT0232BK	HBT0232S	HBT0232SBK
4" Deep Tray	4" (102)	49	12	2	4	HBT0404	HBT0404BK	HBT0404S	HBT0404SBK
	6" (152) •	49	13	3	5	HBT0406	HBT0406BK	HBT0406S	HBT0406SBK
	8" (203) •	78	15	4	6	HBT0408	HBT0408BK	HBT0408S	HBT0408SBK
	12" (305) •	78	23	6	6	HBT0412	HBT0412BK	HBT0412S	HBT0412SBK
	16" (406) •	108	27	7	7	HBT0416	HBT0416BK	HBT0416S	HBT0416SBK
	18" (457) •	116	29	9	7	HBT0418	HBT0418BK	HBT0418S	HBT0418SBK
	20" (508) •	116	31	9	7	HBT0420	HBT0420BK	HBT0420S	HBT0420SBK
	22" (559)	116	33	12	8	HBT0422	HBT0422BK	HBT0422S	HBT0422SBK
	24" (610) •	116	35	12	8	HBT0424	HBT0424BK	HBT0424S	HBT0424SBK
	28" (711)	108	39	14	9	HBT0428	HBT0428BK	HBT0428S	HBT0428SBK
6" Deep Tray	8" (203) •	116	23	4	6	HBT0608	HBT0608BK	HBT0608S	HBT0608SBK
	12" (305) •	123	27	6	6	HBT0612	HBT0612BK	HBT0612S	HBT0612SBK
	16" (406) •	123	31	7	7	HBT0616	HBT0616BK	HBT0616S	HBT0616SBK
	18" (457) •	127	33	9	7	HBT0618	HBT0618BK	HBT0618S	HBT0618SBK
	20" (508) •	127	35	9	7	HBT0620	HBT0620BK	HBT0620S	HBT0620SBK
	22" (559) •	127	37	12	8	HBT0622	HBT0622BK	HBT0622S	HBT0622SBK
	24" (610) •	150	39	12	8	HBT0624	HBT0624BK	HBT0624S	HBT0624SBK
8" Deep Tray	8" (203) •	116	27	4	8	HBT0808	HBT0808BK	HBT0808S	HBT0808SBK
	12" (305) •	116	31	6	8	HBT0812	HBT0812BK	HBT0812S	HBT0812SBK
	16" (406) •	116	35	7	9	HBT0816	HBT0816BK	HBT0816S	HBT0816SBK
	18" (457) •	116	37	9	9	HBT0818	HBT0818BK	HBT0818S	HBT0818SBK
	20" (508) •	116	39	9	9	HBT0820	HBT0820BK	HBT0820S	HBT0820SBK

Note: • *UL Classified as equipment ground conductor (painted tray cUL Classified only).*
All dimensions are +/- 0.25". Custom paint colors available in addition to Black Powder Coat (Contact Hubbell).
HBT0202 (2x2 tray) available as special order. MOQ 40 pieces. Top wire utilizes side weld.
Consult full line catalog for Ladder and Wire Basket installation and mounting accessories.

Accessories

Saw Horse Supports
Pregalvanized finish

Height (mm)	Width (mm)	Catalog Number
4" (102)	22" (559)	**HBTUSUPP4**
6" (152)	22" (559)	**HBTUSUPP6**
8" (203)	22" (559)	**HBTUSUPP8**
10" (254)	22" (559)	**HBTUSUPP10**
12" (305)	22" (559)	**HBTUSUPP12**
14" (356)	22" (559)	**HBTUSUPP14**
16" (406)	22" (559)	**HBTUSUPP16**
18" (457)	22" (559)	**HBTUSUPP18**
20" (508)	22" (559)	**HBTUSUPP20**
22" (559)	22" (559)	**HBTUSUPP22**
24" (610)	22" (559)	**HBTUSUPP24**
26" (660)	22" (559)	**HBTUSUPP26**
28" (711)	22" (559)	**HBTUSUPP28**
30" (762)	22" (559)	**HBTUSUPP30**

Splice Hardware

Description	Finish	Catalog Number
Kit, Pedestal (2) HBTUPC and (1) cross bar	Pregalvanized	**HBTUPK**
C-Bracket 6" Tier 12" Tier	Pregalvanized	**HBTUCB6** **HBTUCB12**
U-Clamp, Pedestal (1) Clamp	Pregalvanized	**HBTUPC**
Tray Grounding Fasteners Washer supports HBTWS and ¼"–20 self threading screws; 50-pack; required when installing under floor wire basket tray	Zinc Plated	**HBTUGS**
Intersection Supports For use with HBTUSUPP series support	Pregalvanized	**HBTUFIT**
Vertical Up	Pregalvanized	**HBTUVU**

Preformed Fittings

Features

- Labor and time saving
- Consistent installations
- For round and flat trays
- Steel pregalvanized bases
- Interlocking polymer side walls
- Splicing hardware included
- Available with steel side walls

Preformed Fittings

Tray Size (mm)	Tray Width (mm)	90°	T	Intersection	45°	30°
2" (51) Deep	4" (102)	HBTR0204	HBTT0204	HBTI0204	HBT450204	HBT300204
	6" (152)	HBTR0206	HBTT0206	HBTI0206	HBT450206	HBT300206
	8" (203)	HBTR0208	HBTT0208	HBTI0208	HBT450208	HBT300208
	12" (305)	HBTR0212	HBTT0212	HBTI0212	HBT450212	HBT300212
	16" (406)	HBTR0216	HBTT0216	HBTI0216	HBT450216	HBT300216
	18" (457)	HBTR0218	HBTT0218	HBTI0218	HBT450218	HBT300218
	20" (508)	HBTR0220	HBTT0220	HBTI0220	HBT450220	HBT300220
	24" (610)	HBTR0224	HBTT0224	HBTI0224	HBT450224	HBT300224
4" (102) Deep	4" (102)	HBTR0404	HBTT0404	HBTI0404	HBT450404	HBT300404
	6" (152)	HBTR0406	HBTT0406	HBTI0406	HBT450406	HBT300406
	8" (203)	HBTR0408	HBTT0408	HBTI0408	HBT450408	HBT300408
	12" (305)	HBTR0412	HBTT0412	HBTI0412	HBT450412	HBT300412
	16" (406)	HBTR0416	HBTT0416	HBTI0416	HBT450416	HBT300416
	18" (457)	HBTR0418	HBTT0418	HBTI0418	HBT450418	HBT300418
	20" (508)	HBTR0420	HBTT0420	HBTI0420	HBT450420	HBT300420
	24" (610)	HBTR0424	HBTT0424	HBTI0424	HBT450424	HBT300424
6" (152) Deep	8" (203)	HBTR0608	HBTT0608	HBTI0608	HBT450608	HBT300608
	12" (305)	HBTR0612	HBTT0612	HBTI0612	HBT450612	HBT300612
	16" (406)	HBTR0616	HBTT0616	HBTI0616	HBT450616	HBT300616
	18" (457)	HBTR0618	HBTT0618	HBTI0618	HBT450618	HBT300618
	20" (508)	HBTR0620	HBTT0620	HBTI0620	HBT450620	HBT300620
	24" (610)	HBTR0624	HBTT0624	HBTI0624	HBT450624	HBT300624

*Note: Add **BK** to Catalog No. for Black base; add **SW** to Catalog No. for steel side walls*

Covers and Inserts

Black Polymer Inserts with Sides
Provides a solid bottom and sides for tray; order in 10 foot increments

Tray Width	2" (51) Deep	4" (102) Deep	6" (152) Deep
4" (102)	HBTFRMINS0204BK	HBTFRMINS0404BK	–
6" (152)	HBTFRMINS0206BK	HBTFRMINS0406BK	–
8" (203)	HBTFRMINS0208BK	HBTFRMINS0408BK	HBTFRMINS0608BK
12" (305)	HBTFRMINS0212BK	HBTFRMINS0412BK	HBTFRMINS0612BK
16" (406)	HBTFRMINS0216BK	HBTFRMINS0416BK	HBTFRMINS0616BK
18" (457)	HBTFRMINS0218BK	HBTFRMINS0418BK	HBTFRMINS0618BK
20" (508)	HBTFRMINS0220BK	HBTFRMINS0420BK	HBTFRMINS0620BK
24" (610)	HBTFRMINS0224BK	HBTFRMINS0424BK	HBTFRMINS0624BK

*Note: For white insert, replace **BK** with **WHT**.*

Polymer Inserts
Provides a solid bottom for tray; order in 10 foot increments

Tray Width (mm)	Length in (mm)	White	Black
4" (102)	118" (3000)	HBTINSNM04WHT	HBTINSNM04
6" (152)	118" (3000)	HBTINSNM06WHT	HBTINSNM06
8" (203)	118" (3000)	HBTINSNM08WHT	HBTINSNM08
12" (305)	118" (3000)	HBTINSNM12WHT	HBTINSNM12
16" (406)	118" (3000)	HBTINSNM16WHT	HBTINSNM16
18" (457)	118" (3000)	HBTINSNM18WHT	HBTINSNM18
20" (508)	118" (3000)	HBTINSNM20WHT	HBTINSNM20
24" (610)	118" (3000)	HBTINSNM24WHT	HBTINSNM24

Galvanized Steel Inserts
Provides a solid bottom for tray; each piece is 5 feet long; single pack

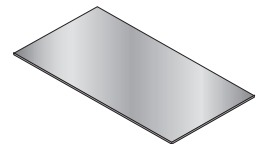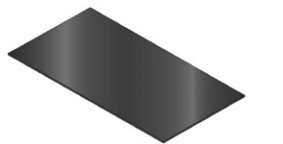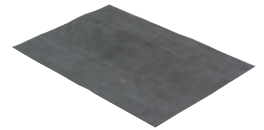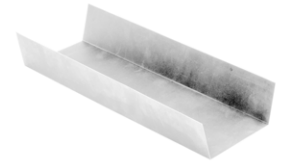| Tray Width	Length	Pregalvanized	Black Powder Coat
4" (102)	59" (1500)	HBTINSM04	HBTINSM04BK
6" (152)	59" (1500)	HBTINSM06	HBTINSM06BK
8" (203)	59" (1500)	HBTINSM08	HBTINSM08BK
12" (305)	59" (1500)	HBTINSM12	HBTINSM12BK
16" (406)	59" (1500)	HBTINSM16	HBTINSM16BK
18" (457)	59" (1500)	HBTINSM18	HBTINSM18BK
20" (508)	59" (1500)	HBTINSM20	HBTINSM20BK
24" (610)	59" (1500)	HBTINSM24	HBTINSM24BK

Galvanized Steel Covers
Top cable and wire protector; each piece is 5 feet long; single pack

Tray Width	Length	Pregalvanized	Black Powder Coat
4" (102)	59" (1500)	HBTCVR4	HBTCVR4BK
6" (152)	59" (1500)	HBTCVR6	HBTCVR6BK
8" (203)	59" (1500)	HBTCVR8	HBTCVR8BK
12" (305)	59" (1500)	HBTCVR12	HBTCVR12BK
16" (406)	59" (1500)	HBTCVR16	HBTCVR16BK
18" (457)	59" (1500)	HBTCVR18	HBTCVR18BK
20" (508)	59" (1500)	HBTCVR20	HBTCVR20BK
24" (610)	59" (1500)	HBTCVR24	HBTCVR24BK

Galvanized Steel Dividers
Mounting hardware to secure to tray (not included); (2) mounting holes per piece; each piece is 5 feet long; single pack

For Use with Tray Depth (mm)	Length (mm)	Pregalvanized	Black Powder Coat
2" (51)	60" (1524)	HBTDIV2	HBTDIV2BK
4" (102)	60" (1524)	HBTDIV4	HBTDIV4BK
6" (152)	60" (1524)	HBTDIV6	HBTDIV6BK
8" (203)	60" (1524)	HBTDIV8	HBTDIV8BK

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