



FIBER | Enclosures

Hubbell premium quality fiber enclosures support a wide range of interconnect applications, from data centers to building backbone, horizontal and entrance facilities. This section features Hubbell enhanced FCR Series enclosures, designed based on customer input to maximize utility and ease of installation. The high density FCRHD1U Series data center enclosures offer 144 LC ports in a one unit rack space for maximum density. Enclosures for U.S. government trade-agreement compliance are also available.





FIBER | Enclosures

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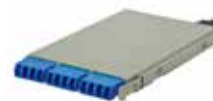
Enclosure
FCRHD1UBK



OM3 Cassette
OCLCHD50G3



OM4 Cassette
OCLCD50G4



OS2 Cassette
OCLCHDSM

High Density 144 Port 1U Enclosures

Max LC port capacity: 144

Height In (mm)	Width In (mm)	Depth In (mm)	Color	Catalog No.
1.75" (44)	17" (432)	17" (432)	Black	FCRHD1UBK
			Gray	FCRHD1UGY

Ultra Compact LC to MPO Cassettes, 12-Fiber

Type A polarity, max 1U density: 144 LC ports (12 cassettes)

Height In (mm)	Width In (mm)	Depth In (mm)	Fiber Type	Color	Catalog No.
0.5" (13)	3.5" (89)	5.2" (132)	OM3	Aqua	OCLCHD50G3
			OM4	Aqua	OCLCHD50G4
			OS2	Blue	OCLCHDSM
			OM4	Violet	OCLCHD50G4VI



Specifications

- 16 gauge cold rolled steel
- Black powder coated

Standards

- EIA/ECA-310-G
- TIA-569-D



Rack Mount
FCR2U6SP



Vertical Panel Mount
FCR4U12SPV



Label Kit
LBLKTFCR2U12



Splice Tray
STRAY12F

Enhanced Rack Mount Enclosures

Rack Units	Height In (mm)	Width In (mm)	Depth In (mm)	FSP Panel Capacity	Splice Tray Capacity	Max LC Port Capacity	Standard Catalog No.	Locking Catalog No.
1	1.75" (44)	17" (432)	17" (432)	3	2	72	FCR1U3SP	FCR1U3SPL
2	3.5" (89)	17" (432)	17" (432)	6	6	144	FCR2U6SP	FCR2U6SPL
2	3.5" (89)	17" (432)	17" (432)	9	6	216	FCR2U9SP	FCR2U9SPL
3	5.25" (133)	17" (432)	17" (432)	12	12	288	FCR3U12SP	FCR3U12SPL
4	7.00" (178)	17" (432)	17" (432)	15	16	360	FCR4U15SP	FCR4U15SPL

Note: Locking versions assembled to order.
FCR2U9SP does not accept Plug-n-Play OC Series cassettes.

Enhanced Rack Mount Enclosure, Vertical Panel Mounting

Rack Units	Height In (mm)	Width In (mm)	Depth In (mm)	FSP Panel Capacity	Splice Tray Capacity	Max LC Port Capacity	Standard Catalog No.	Locking Catalog No.
4	7.00" (178)	17" (432)	17" (432)	12	16	288	FCR4U12SPV	FCR4U12SPVL

NAFTA Series Rack Mounted Enclosures

Rack Units	Height In (mm)	Width In (mm)	Depth In (mm)	FSP Panel Capacity	Splice Tray Capacity	Max LC Port Capacity	Catalog No.
1	1.75" (44)	17" (432)	17" (432)	3	2	72	FCR1U3SPNA
2	3.5" (89)	17" (432)	17" (432)	6	6	144	FCR2U6SPNA
2	3.5" (89)	17" (432)	17" (432)	9	6	216	FCR2U9SPNA
3	5.25" (133)	17" (432)	17" (432)	12	12	288	FCR3U12SPNA
4	7.00" (178)	17" (432)	17" (432)	15	16	360	FCR4U15SPNA

Note: All NAFTA versions supplied with lock.
FCR2U9SPNA does not accept Plug-n-Play OC Series cassettes.

Accessories

Description	Catalog No.
Label kit, 1U, with mounting clip, 12-pack	LBLKTFCR1U12
Label kit, 2U, with mounting clip, 12-pack	LBLKTFCR2U12
Label kit, 3U/4U, with mounting clip, 12-pack	LBLKTFCR34U12
Cable management kit, bend radius clip, 4-pack	FBRMGTCPLK4
Label mounting clip, 12-pack	LBLCLPFCR12
Splice tray, 12 fusion splice	STRAY12F
Splice tray, 24 fusion splice	STRAY24F



Pre-Punched, ST, 12-Port
Loaded
FPR012STM



Pre-Punched, SC,
Unloaded
FPR012SCX



Pre-Punched, ST, 24-Port
Unloaded
FPR024SCX



Pre-Punched, FSP,
Loaded
FPR3SP

Pre-Punched Enclosures

Loaded

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Connector Type	Port Capacity	No. of Adapters	Catalog No.
1	1.75" (44)	17" (432)	11" (279)	ST-style	12	12	FPR012STM
					24	24	FPR024STM
				SC duplex	12	6	FPR012SCM
					24	12	FPR024SCM

Unloaded

1	1.75" (44)	17" (432)	11" (279)	SC duplex	12	6	FPR012SCX
					24	12	FPR024SCX

Note: Contact Hubbell Premise Wiring for other configurations, custom made to order. See page G7 for screw-mount SC duplex and LC quad adapters.

Pre-Punched Enclosures, FSP Panel Style

Unloaded

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Panel Capacity	Maximum LC Port Capacity	Catalog No.
1	1.75" (44)	17" (432)	11" (279)	3	72	FPR3SP FPR3SPNA*

*NAFTA version

See pages G10-11 for FSP adapter panels.

Cable Management Brackets

Fits all FPR series panels

Description	Catalog No.
Protective bracket/cable management bar	FPRBRKT1

Accessories

Description	Catalog No.
Splice tray, 12 fusion splice	STRAY12F
Splice tray, 24 fusion splice	STRAY24F
Cable management kit, bend radius clip, 4-pack	FBRMGTCPLK4
Fiber management spool kit	OFSPPOOLPK2



Specifications

- 16 gauge cold rolled steel
- Black powder coated

Standards

- EIA/ECA-310-E
- TIA-569-D



LC Duplex MM, Loaded
FEUR24LCDOM3



ST MM, Loaded
FEUR24STM



SC Duplex MM, Loaded
FEUR24SCM



FSP Adapter Panel, Unloaded
FEURFSPD

Fiber Interconnection Shelves

Loaded, includes (2) fiber management spools and (1) splice holder

Adapter Type	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Port Capacity	No. of Adapters	Adapter Color	Catalog No.
LC duplex; MM	1.75" (44)	17" (432)	8.6" (218)	12	6	Beige	FEUR12LCDM
				24	12	Beige	FEUR24LCDM
				48	24	Beige	FEUR48LCDM
				12	6	Aqua	FEUR12LCDOM3
				24	12	Aqua	FEUR24LCDOM3
				48	24	Aqua	FEUR48LCDOM3
LC duplex; SM	1.75" (44)	17" (432)	8.6" (218)	12	6	Blue	FEUR12LCDSM
				24	12	Blue	FEUR24LCDSM
				48	24	Blue	FEUR48LCDSM
ST; MM	1.75" (44)	17" (432)	8.6" (218)	12	12	Nickel	FEUR12STM
				24	24	Nickel	FEUR24STM
SC duplex; MM	1.75" (44)	17" (432)	8.6" (218)	12	6	Beige	FEUR12SCM
				24	12	Beige	FEUR24SCM
				48	24	Beige	FEUR48SCM
				12	6	Aqua	FEUR12SCOM3
				24	12	Aqua	FEUR24SCOM3
				48	24	Aqua	FEUR48SCOM3
SC duplex; SM	1.75" (44)	17" (432)	8.6" (218)	12	6	Blue	FEUR12SCSM
				24	12	Blue	FEUR24SCSM
				48	24	Blue	FEUR48SCSM

Note: Contact Hubbell Premise Wiring for additional configurations.

Unloaded

Adapter Type	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Maximum LC Port Capacity	Rack Units	Catalog No.
FSP adapter panel	1.75" (44)	17" (432)	8.6" (218)	72	1	FEURFSPD

See pages G10-11 for FSP adapter panels.

Accessories

Description	Catalog No.
Fiber management spool kit	OFSPOLPK2
24F splice tray, plastic	OFSPLKT24F



Door Open
FSR350SE



Door Closed
FSR350SE

Specifications

- 16 gauge cold rolled steel
- Black powder coated

Standards

- EIA/ECA-310-E
- TIA-569-D



Splice Enclosure
FSS01S



Splice Trays
STRAY24F
STRAY12F



Fusion Splice Protection Sleeves
FSHST401025
FRSHST401025

Splice Enclosures and Hinged Rack Mount Splice Shelves

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Splice Tray Capacity	Catalog No.
1	1.75" (44)	17" (432)	11" (279)	2	FSS01S
2	3.5" (89)	17" (432)	11" (279)	6	FCR350SE FSS02S

Note: Splice trays not included.

Splice Trays

No. of Fibers	Height Inches (mm)	Width Inches (mm)	Length Inches (mm)	Type	Catalog No.
12	0.4" (10)	5" (127)	7" (178)	Fusion	STRAY12F
				Mechanical	STRAY12M
24	0.4" (10)	5" (127)	10" (254)	Fusion	STRAY24F
				Mechanical	STRAY24M
144	0.4" (10)	5" (127)	10" (254)	(12X12 Ribbon)	STRAY12RFS
				(12X12 Ribbon, Deep)	STRAY12RFS DP

Fusion Splice Protection Sleeves

25-pack

Fiber Type	Sleeve Length Inches (mm)	Cleave Length Inches (mm)	Sleeve Diameter After Shrink Inches (mm)	Catalog No.
Single, up to 900 μ m coating	1.6" (40)	.4" (10)	0.12" (3.1)	FSHST401025
12-fiber ribbon	1.6" (40)	.4" (10)	0.18" (4.5)	FRSHST401025



Double Door, Standard
FCW4SP

Specifications

- 16 gauge cold rolled steel
- Black powder coated
- Accepts FSP Series panels

Standards

- EIA/ECA-310-E
- TIA-569-D



Double Door, NAFTA
FCW4SPRDGSA



Double Door, Standard
FCW12SP



Single Door
FTU4SP



Lock Kit
FLOCK1

Wall Mount Enclosures, Double Door

Standard versions

FSP Adapter Panel Capacity	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Enclosure Color	Splice Tray Capacity	Catalog No.
4	12" (305)	14" (356)	3.25" (83)	Black	(2) 7" (178)	FCW4SP
12	16" (406)	14" (356)	6.50" (165)	Black	(4) 10" (254)	FCW12SP

NAFTA versions

4	12" (305)	14" (356)	3.25" (83)	Black	(2) 7" (178)	FCW4SPNA
4	12" (305)	14" (356)	3.25" (83)	Red*	(2) 7" (178)	FCW4SPRDGSA
12	16" (406)	14" (356)	6.50" (165)	Black	(4) 10" (254)	FCW12SPNA

*Custom colors may be quoted to order. Minimum order quantity and lead time applies.

Note: For user's side, order optional lock kit separately (see below).

Only FCW12 Series will accept OC Series cassettes.

Wall Mount Enclosures, Single Door

FSP Adapter Panel Capacity	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Splice Tray Capacity	Catalog No.
1	5.75" (146)	9.2" (234)	2.5" (64)	0	FTU1SP
2	8.5" (216)	10.6" (269)	2.5" (64)	0	FTU2SP
4	11" (279)	13.6" (345)	2.5" (64)	(2) 7" (178)	FTU4SP

Note: For user's side, order optional lock kit separately (see below).

FTU Series enclosures do not accept OC Series cassettes.

Optional Lock Kits

Description	Catalog No.
Lock kit for cabinets keyed the same as the FCW technician side	FLOCK1
Lock kit for cabinets keyed differently than the FCW technician side	FLOCK2



1U, 3 FSP Panels or
3 OC Cassettes
OFPNL1U3SP



1U, 3 FSP Panels or
3 OC Cassettes
FTR175SP



1U, FTR Front Cover
FTR175FCVR



1U, FTR Rear Cover
FTR175RCVR

FTR Series Open Cabling Interconnect Trays, 19" Rack Mount

Rack Units	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	FSP Panel Capacity	Splice Tray Capacity	Max LC Port Capacity	Catalog No.
1	1.75" (44)	17" (432)	12" (305)	3	2	72	FTR175SP

Note: Compatible with FSP Series panels and OC Series cassettes

LEXAN® Covers for FTR Series Interconnect Trays

For FTR175SP, smoke tint

Description	Catalog No.
Front cover	FTR175FCVR
Rear cover	FTR175RCVR

OFPNL Series Open Cabling Interconnect Panels, 19" Rack Mount

Rack Units	Height Inches (mm)	Width Inches (mm)	FSP Panel Capacity	Max LC Port Capacity	Catalog No.
1	1.75" (44)	17" (432)	3	72	OFPNL1U3SP
1	1.75" (44)	17" (432)	2	48	OFPNL1U2SP

Note: Compatible with FSP Series panels and OC Series cassettes

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