

Density-Optimized Systems



A **BELDEN** BRAND

Description

The PPC Density Optimized Fiber Distribution Hubs are designed for either small/medium (up to 128 units) or larger MDU applications with up to 576 units. The two distinct solutions feature splitter cassettes with plug and play MPO connectors throughout the network. The splicing is limited to the feed cable at the curb. These solutions are ideal for environments where ONTs are in each living unit.

Constructed with a UV-stable, flame retardant thermoplastic, these rugged closures can withstand harsh installation environments.

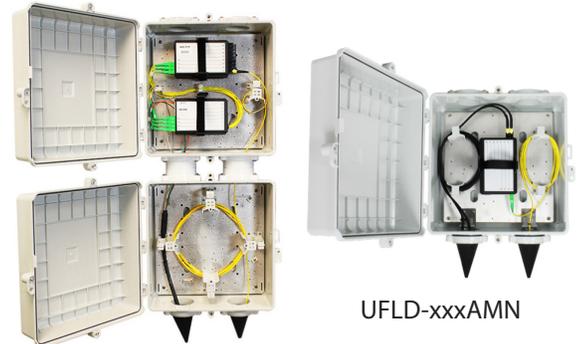
The UCS closure is the full-sized system with wide, top and bottom cable entry ports providing flexibility for a craft-friendly installation. Three captive, 7/16 screws and a single hasp provide locking and security to protect internal components from vandalism or other damage.

The high density solution features additional lower chamber to provide slack storage. Low/Mid density solution has slack storage integrated in the UCS enclosure.

The cover is designed to be installed with its door hinging on the left or right side of the closure.

Features

- Splitter cassettes for high-density fiber distribution
- Indoor and outdoor use
- Slack storage
- Cable entry port security caps offer easy entry during installation
- Craft-friendly, cable grommet system for quick installation and sealing



UFDH-96AMND

UFLD-xxxAMN

Specifications

Dimensions:

UFDH 31" H x 13" W x 8" D

UFLH 13" H x 13" W x 8" D

Materials:

Flame retardant PBT/PC blend thermoplastic, UL 94V-0 (indoor)/UL 94-5VA (outdoor) rated

Safety:

UL1863  US

Performance:

Designed to meet GR-3123-CORE, GR-3125-CORE, GR-771-CORE

NEMA Rating:

NEMA 3R

Finish:

Light Gray

Part No.	Description
UFDH-96AMND	High density Fiber Distribution Hub, with 96 distribution ports. 31" H x 13" W x 8" D. Includes one 3 in / 96 out splitter cassette. Rubber cone grommets on two lower ports. aximum capacity is six 3x96 cassettes for a total of 576 users (plus two optional quad 1x2 cassettes)
UFLD-xxxAMN	Low/Mid density , single unit, fiber hub with SC/APC to MPO splitter cassette(s) and internal slack storage management. Rubber cone grommets on two lower ports. X – Number of Cassettes, XX number of splits (e.g. 432 – four 1x32 cassettes)
SFSM-C396AMA	Splitter Cassette, three SC/APC in, eight 12-fiber MPO connectors out (total of 96 distribution fibers). Cassette contains three 1x32 splitters. FOR USE IN HD FIBER DISTRIBUTION HUB
SFSM-C412AAA	Splitter Cassette, four 1x2 splitters, SC/APC adapters in and SC/APC-terminated fanouts out; intended to feed 3x96 cassettes in cascaded architectures. FOR USE IN HD FIBER DISTRIBUTION HUB
SFSM-C108AM	1x8 Splitter Cassette, one SC/APC in, one MPO connector out (first 8 distribution fibers active in the MPO)
SFSM-C116AM	1x16 Splitter Cassette, one SC/APC in, two MPO connectors out (first 8 distribution fibers active in EACH MPO)
SFSM-C132AM	1x32 Splitter Cassette, one SC/APC in, three MPO connectors out (12 fibers in two MPO connectors; first 8 distribution fibers active in LAST MPO)
MPO Cables	Refer to Product Information on last page

This product may be protected by one or more patents • For further information, please visit: www.ppc-online.com/patents

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Description

The PPC remote fiber distribution terminal is designed to provide a plug-and-play fiber fanout capability at the remote/IDF location. It is based on MPO fanout cassettes with plug and play MPO connectors. This solution completely eliminates the need for splicing from the IDF location. It is ideal for projects where ONTs are in each living unit.

Constructed with a UV-stable, flame retardant thermoplastic, these rugged closures can withstand harsh installation environments.

The SFIT closure has a compact design and small footprint providing flexibility for installation placement. Three bottom entry cable ports with flat rubber grommets provide flexibility for a craft-friendly installation. SFIT port nozzles are available to customize management of feed and distribution cables.

Upper chamber can hold up to three MPO fanout cassettes and lower chamber has fiber spools for slack storage.

Features

- Indoor and outdoor use
- Innovative design allows enclosures to be stacked for additional slack storage or increased capacity
- SFIT ports and nozzles customize to cable feed requirements
- Craft-friendly, cable grommet system for quick installation and sealing



SFIT-FT00CNN-002
(Shown with MPO cassette)

Specifications

- Dimensions:** 17" H x 10" W x 4.7" D
- Materials:** Flame retardant PBT/PC blend thermoplastic, UL 94V-0 (indoor)/UL 94-5VA (outdoor) rated
- Safety:** UL1863  US
- Performance:** Designed to meet GR-3123-CORE, GR-3125-CORE, GR-771-CORE
- NEMA Rating:** NEMA 3R
- Finish:** Light Gray

Part No.	Description
SFIT-FT00CNN-002	Distribution Terminal, 17" H x 10" W x 4.7" D. Upper chamber has goalpost bracket that holds up to three MPO Fanout Cassettes (SCM below). Lower chamber has slack storage spools. Three ports with flat rubber grommets SFIT Port Nozzles can be added to customize feed and distribution
SCM-12ACM2N	MPO Fanout Cassette to SC/APC Adapters. Single 12-fiber MPO connector (male) fans out to twelve SC/APC adapters. Push-pins hold cassette into SFIT goalpost. FOR USE IN EITHER HIGH OR LOW/MID DENSITY FIBER DISTRIBUTION HUB
SCM-12UCM2N	MPO Fanout Cassette to SC/UPC Adapters. Single 12-fiber MPO connector (male) fans out to twelve SC/UPC adapters. Push-pins hold cassette into SFIT goalpost. FOR USE IN EITHER HIGH OR LOW/MID DENSITY FIBER DISTRIBUTION HUB
MPO Cables	Refer to Product Information on last page

Density-Optimized Systems



Description

The PPC MPO Cables for Density-Optimized Fiber Networks.

Cables have 12-fiber MPO connectors (female) at each end. Pulling eye and protective sock at each end.

Cable is 12-fiber, indoor/outdoor, LSZH OFNR riser-rated, 5mm diameter.

Cables run from 3 x 96 Splitter Cassette in Hub, to Fanout Cassette(s) in SFIT Distribution Terminal.

Features

- Indoor/Outdoor LSZH OFNR Riser-rated
- Various lengths
- 12 Fiber Cable



Part No.	Length (in feet)	Part No.	Length (in feet)
AU12-E-PF/PF-050-R	20	AU12-E-PF/PF-600-R	600
AU12-E-PF/PF-100-R	100	AU12-E-PF/PF-700-R	700
AU12-E-PF/PF-200-R	200	AU12-E-PF/PF-800-R	800
AU12-E-PF/PF-300-R	300	AU12-E-PF/PF-900-R	900
AU12-E-PF/PF-400-R	400	AU12-E-PF/PF-1000-R	1000
AU12-E-PF/PF-500-R	500		

