FutureLink® 1UCS Fiber Distribution Hubs

A BELDEN BRAND

Features & Benefits

- Patch / Splice / Split functionality in one enclosure
- 24-port SC-APC (expandable to 72-port)
  - One 12/24F splice tray under the F1 Inner Cover
  - Accommodates six SC-APC adapters for splitter inputs
- 36-port SC-APC (expandable to 72-port)
  - Four 12/24F splice trays and four 12-fiber fanout cables
  - Accommodates three SC-APC adapters for splitter inputs
  - Includes mounting brackets for 14-inch pedestal mounts
- Holds for 3 large or 6 small splitters
- Cone grommet for effective sealing on a wide range of cable sizes
- Lockable cover and security fasteners (216 tool)



UCS-FS72AENE-JB

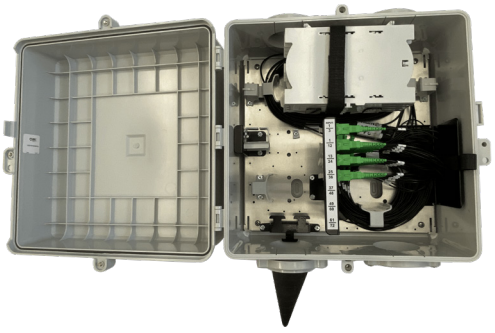
Overview

The FutureLink® 1UCS Fiber Distribution Hubs are designed to simplify the layout of fiber networks by offering patch, splice and split functionality from 24 to 72 ports in one small enclosure. The hub can be wall or pole mounted and is designed to fit in a 14-inch pedestal for deployment into greenfield and brownfield projects.

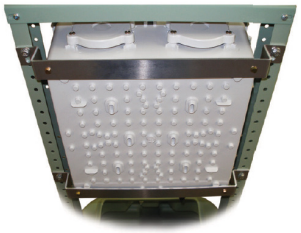
The 24-port Hub provides one 12/24F Splice Tray and up to 6 SC Bulkhead ports for splitter inputs behind the F1 cover. The 36-port Hub provides four 12/24F Splice Trays and 12F fanout cables for easy patching and splicing of the input and output fibers. The 36-port Hub comes with mounting brackets for mounting in a 14-inch pedestal. Both Hubs can be wall mounted or pole mounted (using pole mount brackets sold separately). The Hubs provide room for 3 large or 6 small splitters for cost-effective upgrades to increase capacity.



Mounted in a 14-inch Pedestal



UCS-FS72AS4N-CL



Rear View Showing Mounting Brackets

Technical Data

Specification	Value
Materials	UL 94-V-0 (indoor) and UL 94-5VA (outdoor) flame-retardant thermoplastic
Dimensions	14 in x 14 in x 8 in (H x W x D)
Safety	Safety UL 1863 Designed to meet NEMA 3R, GR-3123-CORE, GR-3125-CORE

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Technical Data

Splitters

Parameters	1x2	1x4	1x8	1x16	1x32	1x64
Operating Wavelength	1260 nm~1650 nm					
Insertion Loss Max	4.4 dB	7.8 dB	10.9 dB	14.1 dB	17.3 dB	21.0 dB
Uniformity Max	0.7 dB	0.9 dB	1.1 dB	1.5 dB	1.7 dB	2.6 dB
PDL Max	0.3 dB	0.4 dB	0.4 dB	0.4 dB	0.4 dB	0.5 dB
WDL	0.4 dB	0.5 dB	0.5 dB	0.5 dB	0.5 dB	0.5 dB
Return Loss Min	55 dB					
Directivity Min	55 dB					
Operating Temp	-40 °C to 70 °C (-40 °F to 158 °F)					
Input/Output Leads	1 meter 2mm SC-APC					
Max Height	0.40 in (10 mm)	0.40 in (10 mm)	0.40 in (10 mm)	0.71 in (18 mm)	0.71 in (18 mm)	0.71 in (18 mm)
Max Width	3.15 in (80 mm)	3.15 in (80 mm)	3.15 in (80 mm)	3.15 in (80 mm)	3.15 in (80 mm)	3.15 in (80 mm)
Max Length	3.94 in (100 mm)	3.94 in (100 mm)	3.94 in (100 mm)	4.72 in (120 mm)	4.72 in (120 mm)	4.72 in (120 mm)

Ordering Information

Part Number	Description
UCS-FS72AENE-JB	Fiber Hub 24-port SC-APC (expandable to 72) with one 24F splice tray and 4 SC input ports (room for 6), F1 inner cover, three 1.2-inch Closed Cap ports, one Rubber Cone Grommet port, holds 3 large or 6 small box-type splitters.
UCS-FS72AS4N-CL	Fiber Hub 36-port SC-APC (expandable to 72) with four 24F splice trays, four 12F fanout cables, 3 SC input ports, three 1.2-inch Closed Cap ports, one Rubber Cone Grommet port, pedestal mounting brackets, holds 3 large or 6 small box-type splitters.
UCS-FS72AS4D-CL	Fiber Hub 36-port SC-APC (expandable to 72) with four 24F splice trays, four 12F breakout cables, 3 SC input ports, three 1.2-inch Closed Cap ports, one Rubber Cone Grommet port, pedestal mounting brackets, holds 3 large or 6 small box-type splitters; includes one 1x32 splitter.
SFSM-2B1102AA1M	1X2 Splitter Module with 1 m long 2 mm tails and SC-APC connectors
SFSM-2B1104AA1M	1X4 Splitter Module with 1 m long 2 mm tails and SC-APC connectors
SFSM-2B1108AA1M	1X8 Splitter Module with 1 m long 2 mm tails and SC-APC connectors
SFSM-2B1116AA1M	1X16 Splitter Module with 1 m long 2 mm tails and SC-APC connectors
SFSM-2B1132AA1M	1X32 Splitter Module with 1 m long 2 mm tails and SC-APC connectors
070160-00	12F cable 3mm loose tube fanout to 2 mm tails, SC-APC, 10 ft
CA12SCA7A1TB010TIA	12F set of 1 meter color-coded 900u SC-APC pigtails
CA12SCA7A1TB020TIA	12F set of 2 meter color-coded 900u SC-APC pigtails
ADPSCA6	Kit of six SC-APC green flangeless adapters to add capacity to fiber terminals
SFST-24SFC	12/24F Splice Tray

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

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