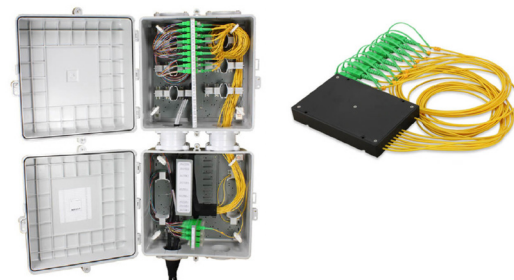


# FutureLink® Fiber Distribution Hubs & Splitters



## Features & Benefits

- Clean, intuitive routing for splitter inputs and outputs (extra adapters & cable guides)
- 24-port input bulkhead provides additional capacity for upgrades or pass through business services
- 72, 96 or 144 port output capacity supports cascaded splitter designs (1x2 feeding two 1x32s) upgradable 1x64 split ratio
- Easily expandable for future growth with up to 18 splitter modules
- Low maintenance, sturdy plastic enclosures designed for indoor or outdoor use
- Lightweight design for easy pole or wall mounting



## Overview

The PPC Fiber Distribution Hubs are lightweight plastic hubs ideal for smaller capacity centralized PON. These indoor/outdoor hubs are available with 72-port, 96-port or 144-port subscriber distribution with patch only or patch and splice functionality.

The intuitive hub design divides functions between the upper and lower chambers. The logical layout minimizes training and increases productivity. Security bolts (216-tool) are standard on all hubs along with a padlock hasp for increased access control and worry-free protection of internal components.

## Technical Data

### Fiber Distribution Hubs

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

### Splitters

Parameters	1x2	1x4	1x8	1x16	1x32	1x64
Operating Wavelength	1260 nm~1650 nm					
Insertion Loss Max	4.4 dB	7.8dB	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	.40 in (10 mm)	.40 in (10 mm)	.40 in (10 mm)	.71 in (18 mm)	.71 in (18 mm)	.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)

# FutureLink® Fiber Distribution Hubs & Splitters



## Ordering Information

### Fiber Distribution Hubs

Part Number	Description
UCS-FD72AS9E	Patch & Splice Hub 72-port SC-APC with eight 24F splice trays, six 12F breakout cables, six 1F pigtails, 14 SC input ports, slack storage, two 12-port Closed Cap port, two Rubber Cone Grommet ports, holds six box-type splitters.
FHP-D24072AS2E-CL	Patch & Splice Hub 72-port SC-APC with eight 24F splice trays, eight 12F breakout cables, 26 SC input ports, slack storage, two 12-port Closed Cap ports, two Rubber Cone Grommet ports, holds three box-type splitters.
FHP-D24072AXEEB-CL	Patch & Splice Hub 72-port SC-APC (expandable to 144) with 50ft cable stubs, 32 SC input ports, slack storage, three 12-port Closed Cap ports, one Rubber Cone Grommet port, holds nine box-type splitters.
FHP-D24096AXEEB-CL	Patch & Splice Hub 96-port SC-APC (expandable to 144) with 50ft cable stubs, 32 SC input ports, slack storage, three 12-port Closed Cap ports, one Rubber Cone Grommet port, holds nine box-type splitters.
FHP-D24144AXEEB-CL	Patch & Splice Hub 144-port SC-APC with 50ft cable stubs, 32 SC input ports, slack storage, three 12-port Closed Cap ports, one Rubber Cone Grommet port, holds nine box-type splitters.
FHP-D24072AXEEN-CL	Patch Only Hub 72-port SC-APC (expandable to 144) with 32 SC input ports, slack storage, three 12-port Closed Cap ports, one Rubber Cone Grommet port, holds nine box-type splitters.
FHP-D24096AXEEN-CL	Patch Only Hub 96-port SC-APC (expandable to 144) with 32 SC input ports, slack storage, three 12-port Closed Cap ports, one Rubber Cone Grommet port, holds nine box-type splitters.
FHP-D24144AXEEN-CL	Patch Only Hub 144-port SC-APC with 32 SC input ports, slack storage, three 12-port Closed Cap ports, one Rubber Cone Grommet port, holds nine box-type splitters.
UCS-FD192AXXXN	Patch Only Hub 144-port SC-APC, 48 SC input ports, slack storage, two 1.2-inch Closed Cap ports, two Rubber Cone Grommet ports, holds 18 box-type splitters.

### Splitters

Part Number	Description
SFSM-2B1102AA1M	Box Type Splitter Module 1x2 pre-terminated SC-APC 1 meter (3.28 ft)
SFSM-2B1104AA1M	Box Type Splitter Module 1x4 pre-terminated SC-APC 1 meter (3.28 ft)
SFSM-2B1108AA1M	Box Type Splitter Module 1x8 pre-terminated SC-APC 1 meter (3.28 ft)
SFSM-2B1116AA1M	Box Type Splitter Module 1x16 pre-terminated SC-APC 1 meter (3.28 ft)
SFSM-2B1132AA1M	Box Type Splitter Module 1x32 pre-terminated SC-APC 1 meter (3.28 ft)
SFSM-2B1164AA1M	Box Type Splitter Module 1x64 pre-terminated SC-APC 1 meter (3.28 ft)

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