



OCFPS

Wideband Couplers/Splitters in Front Patching Shelf

Single-mode wideband couplers/splitters are branching devices available in a wide range of styles and sizes to split and combine light.

These devices are integrated into the 1HU 19-inch wide CommScope range of front patching shelves. This allows easy integration in outdoor cabinets, wall-mount boxes or rack mount applications.

Advantages

- Consistent performance
- Low optical loss
- Low polarization sensitivity
- Excellent mechanical and environmental characteristics
- Fast installation and commissioning
- Front or back mounting
- ID card
- Repair splice capacity

Applications

- Combining and splitting light signals
- Central office/headend
- LAN
- Network monitoring

Ordering Information

OCFPS 1U - X X X X X X X X

Shelf Type

1HU	1 RU High 19" wide
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Splitter Grade

A	FBT type
P	Planar grade P
O	Planar grade O (low loss)

Number of Splitters

	Shelf type 1	
	Grade A	Grade P/O
1 x 2	16	-
2 x 2	16	-
1 x 4	-	6
2 x 4	-	6
1 x 8	-	6
2 x 8	-	6
1 x 16	-	2
2 x 16	-	2
1 x 32	-	2
2 x 32	-	1
1 x 64	-	1
2 x 64	-	1

Connector Type

S1	SC/UPC
S2	SC/APC 8°
S3	SC/APC 9°
L1	LC/UPC
L2	LC/APC

Split Ratio

00	Symmetrical
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Number of Output Ports

02	... x 2 splitter
04	... x 4 splitter
08	... x 8 splitter
16	... x 16 splitter
32	... x 32 splitter
64	... x 64 splitter

Number of Input Ports

1	1 x ...splitter
2	2 x ...splitter

Performance Specifications

Please refer to the CommScope specification RUD5257 (grade A) and RUD 5330 (grade O and P) for performance information.

Notes

- Not all combinations in the namestring are possible. Always contact your local sales engineer for confirmation.
- Grade A asymmetrical splitters available on special request.
- Depending on the selected number of splitter ports, the frontplate can be different (12 duplex, 25 duplex or 33 duplex SC footprint).
- The shelf is painted in light grey (RAL 7035).

For more technical options and order quantity information, please consult the product ordering guide or your local sales representative.



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PS-319418-AE (12/15)