



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" wide Tyco Electronics 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

XX

XX

XX

Shelf type

1U 1 RU High 19" wide

Splitter grade

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

Number of splitters

The max. number of integrated splitters is indicated in the table underneath.
(for LC and SC connectors)

	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

	Connector type				
Min.return loss	SC	FC	E2000	LC	
45 dB (PC)					
50 dB (UPC)	S1	F1		L1	
60 dB (APC 8°)	S2	F2	E9	L2	
60 dB (APC 9°)	S3				

Split ratio

00 Symmetrical

Number of output ports

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

Number of input ports

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

Performance specifications

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

Note

- 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).