



OCM5

Modular wideband couplers/splitters for splitter cabinets

Single mode wideband couplers/splitters are passive optical devices that split and combine light in fiber networks. The OCM modular packaging provides a robust and simple method for integrating these devices into the CSX and CAB5 range of splitter cabinets.

A wide selection of split ratios and connector types ensure long lasting compatibility.

Advantages

- Reliable performance
- Low loss
- Low polarization sensitivity
- Excellent mechanical protection
- Fast and simple installation
- Clean connector storage for unused ports

The splitter components are based on planar waveguide technology. For low split ratio's, the FBT (fused biconic tapered) technology is used.

Ordering information

OCM

5

-

S

X

X

X

X

00

XX

-

XXD

ASIA

Type

5 Compatible with TE Connectivity range of splitter cabinets

Type

A FBT

P Planar technology

O Low loss planar technology

Number of integrated splitters

Attention: the maximum number of integrated splitters is for each configuration indicated in the table underneath.

Type	5	
Grade	A	P/O
1x2	12	-
2x2	8	-
1x4	-	6
2x4	-	6
1x8	-	4
2x8	-	3
1x16	-	2
2x16	-	2
1x32	-	1
2x32	-	1
1x64	-	1
2x64	-	1

Cable Type

ASIA 1.8 mm, OFNR, LSZH

Pigtail Length

12D 1.2 meters

18D 1.8 meters

24D 2.4 meters

30D 3.0 meters

40D 4.0 meters

Connector type

S1 SC/UPC	L1 LC/UPC
S2 SC/APC 8°	L2 LC/APC
S3 SC/APC 9°	E9 E2000

Split ratio

00 symmetrical

of outputs

2, 4, 8, G (16), W (32), Z (64)

of inputs

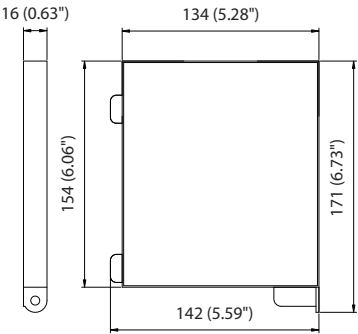
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Product can be installed in

OCSH range of optical component shelves

CSX-2 range of splitter cabinets



Example

OCM5-SP11W00S2-18DASIA: module type 5, 1 splitter 1x32 with SC/APC connectors, symmetrical.

Performance specifications

Please refer to RUD 5257 (grade A) or RUD 5330 (grade P and O).