

OCM5

Modular Wideband Couplers/Splitters for CSX-2 and CSX-3 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 range of CSX-2 and CSX-3 splitter cabinets. A wide selection of split ratios and connector types ensure long lasting compatibility.

The splitter components are based on FBT (fused biconic tapered) technology for low split ratios. For higher split ratios, planar waveguide technology is used.

Advantages

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

EnLighten
FTTH Solutions

Tyco Electronics
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OCM 5 - S X X X X 00 XX - XXD ASIA

Type
5 - Compatible with CSX splitter cabinets

Grade
A - Standard
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 below.

Type	5	
Grade	A	P/O
1x2	12	-
2x2	8	-
1x3	6	-
1x4	4	4
2x4	4	4
1x5	3	-
1x6	call	-
2x6	call	-
1x8	-	4
2x8	-	3
1x10	call	-
2x10	call	-
1x12	call	-
2x12	call	-
1x16	-	2
2x16	-	2
1x32	-	1
2x32	-	1

Cable Type
ASIA - 1.8 mm, OFNR, LSZH

Pigtail Length
01, 02, ...99 Always use 2 digits for cable length*
*The "18D" version includes a pigtail parking rail to be used inside a CSX-2 cabinet. The "14D" version includes a pigtail parking lot for use with a CSX-3 cabinet.

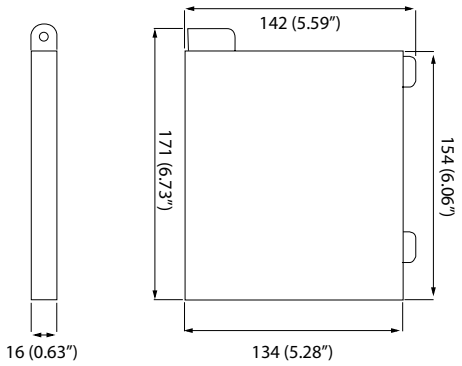
Connector Type

S1 - SC/UPC	L1 - LC/UPC
S2 - SC/APC 8°	L2 - LC/APC
S3 - SC/APC 9°	F1 - FC/UPC
SA - SC/APC GR326	F2 - FC/APC
SB - SC/UPC GR326	

Split Ratio
00 - symmetrical

Number of Outputs per Splitter
2, 3, 4, 5, 6, 8, A (10), C (12), G (16), W (32)

Number of Inputs per Splitter
1
2



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

Performance Specifications
Refer to the Tyco Electronics Telecom OSP specification RUD 5257 (grade A) and RUD 5330 (grade P and O)

Products can be installed in:
OCSH range of optical components shelves
CSX-2 and CSX-3 range of splitter cabinets

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