



# 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.

### 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 FBT (fused biconic tapered) technology for low split ratios. For higher split ratios, planar waveguide technology is used.

**Selection Guide**

**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.

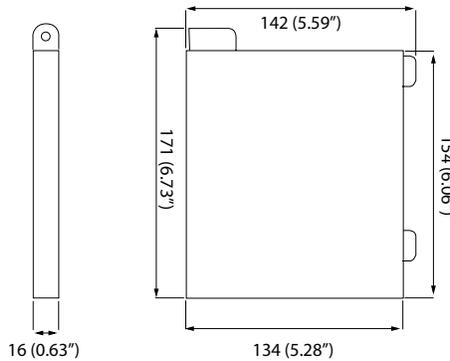
**Connector Type**

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