

Tree/Star Single Mode Three Window Coupler Module

Product Description:

Valdor's new three window single mode splitter modules have high density port configuration with outstanding performance over the 1310nm, 1490nm, 1550nm operating wavelengths. They are designed for PON tri-play network systems. They have low insertion loss, excellent uniformity, and low polarization sensitivity. They are contained in a compact and lightweight cassette enclosure. All devices are tested according to industry standard test procedures and customers are provided with test results / data.

For any specialized or customized applications, Valdor can provide customers with specific designs and specifications.

All components are Telcordia GR-1209 and GR-1221 compliant.



Features:

- Three Operating Windows
- Low Excess Loss
- Low PDL
- Low Profile Packaging
- High Stability and Reliability

Applications:

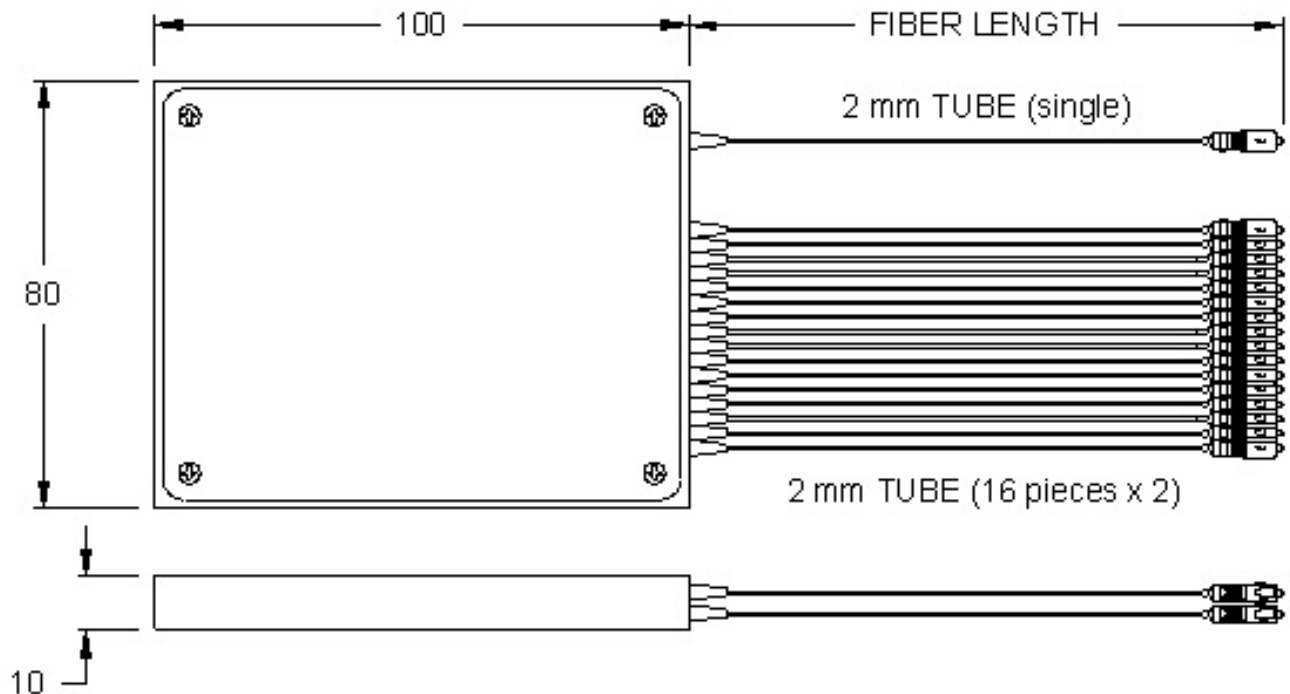
- Optical Communication Systems
- CATV
- FTTH
- Fiber Amplifier Systems

Performance Specifications:

Port Configuration	1 x 4	1 x 8	1 x 16	1 x 32
Operating Wavelength (nm)	1310 / 1490 / 1550			
Operating Wavelength Range (nm)	± 40			
Insertion Loss (dB) (max.) *	7.5	10.8	14.4	17.5
Uniformity (dB) (max)	1.0	1.2	1.5	2.0
Polarization Dependent Loss (dB)	< 0.3	< 0.5	< 0.6	< 0.6
Directivity (dB)	> 55			
Return Loss (dB)	> 55			
Power Handling (mW) (max.)	500			
Operating Temperature (°C)	-55 to +100			
Storage Temperature (°C)	-55 to +100			
Package Dimensions (mm)	100 x 80 x 10			

Note: * Insertion Loss does not include connectors.

Product Dimensions:



Product Ordering Information:

118H -	PN (Port Number)	F (Fiber Type)	P (Pigtail)	LL (Length)	- CC (Connector)
	01 = 1x4 02 = 1x8 03 = 1x16 04 = 1x32	1 = SMF-28e	1 = 250 um 2 = 900 um 3 = 2 mm 4 = 3 mm	05 = 0.5 m 10 = 1.0 m 15 = 1.5 m 20 = 2.0 m	00 = None 01 = FC/UPC 02 = FC/APC 03 = SC/UPC 04 = SC/APC 05 = LC/UPC 06 = LC/APC 07 = ST/UPC 08 = MU/UPC

Please contact Valdor for pricing and ordering information for custom configurations and other information.

Technical Information:

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