

MPS-2300

Singlemode Optical Splitter Coupler



Can be ordered with either single window or dual window wavelength capability

The MPS-2300 Singlemode Optical Splitter/Coupler is available in either a 1 x 2 or 2 x 2 configuration in any split ratio. The MPS-2300 can be ordered with either single window or dual window wavelength capability. The single window units are centered on either 1310nm or 1550nm wavelengths with a +/- 40 nm passband. The dual window units combine both 1310nm or 1550nm passbands. Fiber pigtail configurations include 250 μm , 900 μm , 2mm or 3mm jacketed leads supplied with or without connectors.

Information: Call us toll-free at 888-868-8967 or email info@b2bphotonics.com

Applications

- Fiber Optic Amplifiers
- CATV Systems
- High Speed Data Networks
- Optical Sensors
- Telecommunications
- RF Optical Links

Features

- Injection Molded Case
- Heavy Duty Packaging
- Single and Dual Window
- Environmentally Stable
- Teclcordia GR-1221
- Epoxy Free Optical Path

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Specifications & Performance

Insertion Loss			Parameter: 1x2, 50/50 Ratio:	Premium	A Grade
Split Ratio	Premium	A Grade	Operating Wavelength (nm):	1310 & 1550 ± 40 nm	
40/60	4.7/2.7	5.0/2.9	Insertion Loss (dB), max:	<= 3.5	<= 3.7
30/70	6.0/1.9	6.4/2.2	Uniformity (dB) (Typical):	<= 0.5	<= 0.9
2080	7.9/1.2	8.5/1.4	Return Loss (dB):	1x2 >= 55, 2x2 >= 65	
10/90	11.3/0.6	12.7/0.8	TDL (dB):	0.2 dB (-10° C to +75° C); 0.35	
5/95	15.0/0.4	16.0/0.5	PDL (dB):	<= 0.15	<= 0.20
1/99	23.5/0.3	24.0/0.4	Operating & Storage Temperature:	-40° C to +85° C	
			Package Dimensions - Light Duty (B):	3.0 x 55.0 mm	
			Package Dimensions - Medium Duty (L):	3.0 x 60.0 mm	
			Package Dimensions - Heavy Duty (R):	12.0 x 8.0 x 100.0 mm	

Part Number Generator

