

PM Fused Fiber Couplers

Type 1: 2x2 Coupler: 50:50

Specifications

	Specification	
1.	Wavelength	1550 nm
2.	Coupling ratio	50:50
3.	Coupling ratio tolerance	±2%
4.	Bandwidth	±15 nm±10%
5.	Extinction ratio	≥20dB/≥20dB
6.	Excess loss	≤0.3dB
7.	Return loss	≥55dB
8.	Max Power level	≥1W
9.	Fiber type	Polarisation Maintaining of wavelength 1550 nm, Panda 125/250/900um loose tube with FC/APC connector on all ports
10.	Port configuration	2x2
11.	Fiber length	≥1m
12.	Package size(Typical)	Diameter : ≤3.2 mm x Length : ≤65 mm
13.	Operating Temperature range	-40 to 85°C
14.	Storage Temperature range	-40 to 85°C

Mandatory Requirements

1. Detailed test report for each device for the specifications mentioned in the above table.
2. Standard warranty of 1 year to be provided.
3. While supplying the items, the fiber should be routed stress free maintaining the bend radius
4. Certificate of Conformance to be provided
5. Post delivery, clearance of the item is subjected to the performance of the device for the following tests.
 - a. Incoming visual inspection
 - b. Functionality test for specification verification at ambient condition
6. Post delivery, replacement of the faulty devices to be done if the device is found faulty during any of the above mentioned tests.

Qty: 42 no:s