



1x2 (2x2) 62.5/125um Multi-Mode Broadband Splitter

Features of our splitter:

- Low Insertion loss
- High Directivity
- Stable and Reliable
- Compact size

Applications for our splitter:

- Optical Communications System
- LAN
- Optical Sensor
- Access Network

Specifications:

Specification			Splitting Ratio: 50:50			
Parameter		Unit	1x2 or 2x2			
Grade			P	A	P	A
Central Wavelength		nm	1310 or 1550		850	
Bandwidth		nm	+/-20			
Insertion Loss	Max.	dB	3.5	3.9	4.3	4.7
Excess loss	Typ.	dB	0.2	0.4	0.8	1.0
Uniformity	Max.	dB	0.5	0.8	0.5	0.8
Return Loss	Min.	dB	40			
Operating Temperature		°C	-40 to +85			
Storage Temperature		°C	-50 to +85			
Package Type		mm	S6	Diam. 3x54: for bare fiber		
			S8	Diam. 3x70: for 0.9mm loose tube		
			M1	10x20x90: for 0.9mm loose tube or 3mm cable		

Splitting Ratio and Insertion Loss Conversion Table for 1310 or 1550±20nm				
Splitting Ratio	Maximum Insertion Loss (dB)			
	Premium		A Grade	
Output Port	Output	Output Port	Output Port	Output Port 2

	Port 1	2	1	
60:40	2.6	4.6	3.0	5.0
70:30	1.9	5.9	2.3	6.3
80:20	1.2	7.8	1.7	8.3
90:10	0.7	11.2	1.2	12
95:5	0.5	15	0.8	16

Splitting Ratio and Insertion Loss Conversion Table for 850+/-20nm				
Splitting Ratio	Maximum Insertion Loss (dB)			
	Premium		A Grade	
Output Port	Output Port 1	Output Port 2	Output Port 1	Output Port 2
60:40	3.3	5.2	3.8	5.7
70:30	2.6	6.5	3.0	7.0
80:20	1.9	8.3	2.4	9.0
90:10	1.4	11.6	1.9	12.5
95:5	1.2	15.5	1.5	16.5

Ordering Information:

- Wavelength: 1550, 1310, 850nm
- Structure: 1x2, 2x2
- Splitting Ratio: 95:5, 90:10, 80:20, 70:30, 60:40, 50:50
- Grade: Premium (P), A grade
- Fiber type: 62.5/125um
- Pigtail: 250um bare fiber, 0.9mm loose tube, 3mm cable
- Fiber length: 0.5m, 1.0m, 1.5m, 2.0m
- Connector: none, FC/PC, FC/APC, ST, customer's request

We have unbeatable price for this product.

- Price is updating, please make a request for our most recent price by calling (514) 334-4588 or by emailing sales2@o-eland.com