

## 1x2 (2x2) Fused PM Fiber Splitter (Mixer)

### Features of our splitter:

- Low excess Loss
- High Instinction Ratio
- High Power Handling
- Telcordia Compliant Test

### Applications for our splitter:

- Optical Amplifier
- Power Monitoring
- Coherent Communication
- Fiber Gyroscope

### Specifications:

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Parameter	Unit	Premium		A Grade
Port Configuration		1x2 or 2x2		
Central Wavelength		nm	1310, 1480, 1550	
Bandwidth		nm	+/-20	
Excess Loss	Typ.	dB	0.2	0.3
Excess Loss	Max.	dB	0.4	0.6
PER for Through Port	Min.	dB	20	17
Return Loss	Min.	dB	50	
Directivity	Min.	dB	55	
Operating temperature		°C	0 to +70	
Storage temperature		°C	-40 to +85	
Package type		mm	S7	Diam.3x60 for bare fire

Splitting Ratio & its Tolerance		
Splitting Ratio	Maximum Splitting Ratio Tolerance (%)	
	Premium	A grade

99/1	+/-0.5	+/-0.6
95/5	+/-1.5	+/-1.7
90/10	+/-2.2	+/-2.4
80/20	+/-2.5	+/-3.0
70/30	+/-3.0	+/-3.7
60/40	+/-4.0	+/-4.8
50/50	+/-5.0	+/-6.0

**Ordering information:**

- Wavelength: 1550nm, 1480nm, 1310nm
- Structure: 1x2, 2x2
- Grade: Premium or A Grade
- Fiber type: Panda Fiber
- Pigtail: 250um bare fiber
- Fiber length: 0.5m, 1.0m
- Connector: none

**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](mailto:sales2@o-eland.com)