



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

### Features of our splitter:

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

### Applications for our splitter:

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

### Specifications:

| Specifications        |      |    |                  |                         |
|-----------------------|------|----|------------------|-------------------------|
| 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  |



|       |        |        |
|-------|--------|--------|
| 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)