

1x3(3x3) 50/125μm Multi-Mode Broadband Splitter (Mixer)



Product Features

- Low Insertion Loss
- High Directivity
- Stable and Reliable
- Compact Size

Product Applications

- Optical Communication System
- LAN
- FDDI
- Access Network

| Specifications | | Splitting Ratio: 33:33:33 | | | | | | | | |
|-----------------------|------|---------------------------|---|-----|-----|----------------|-----|-----|-----|-----|
| Parameter | Unit | 1x3 | | | | 3x3 | | | | |
| Grade | | P | A | P | A | P | A | P | A | |
| Central Wavelength | nm | 2000,1550,1310 | | 850 | | 2000,1550,1310 | | 850 | | |
| Bandwidth | nm | ±20 | | | | | | | | |
| Insertion Loss | Max. | dB | 6.2 | 6.7 | 7.2 | 7.7 | 6.7 | 7.2 | 7.7 | 8.2 |
| Excess Loss | Typ. | dB | 0.4 | 0.7 | 1.0 | 1.2 | 0.7 | 1.0 | 1.2 | 1.4 |
| Uniformity | Max. | dB | 1.0 | 1.4 | 1.0 | 1.4 | 1.4 | 1.8 | 1.4 | 1.8 |
| Return Loss* | Min. | dB | 40 | | | | | | | |
| Operating power | Max. | W | 5 | | | | | | | |
| Operating Temperature | °C | -40 to +85 | | | | | | | | |
| Storage Temperature | °C | -50 to +85 | | | | | | | | |
| Package Type | mm | S6 | Ø3x54: for bare fiber | | | | | | | |
| | | S8 | Ø3x70: for 0.9mm loose tube | | | | | | | |
| | | M2 | 7.5x18x90: for 0.9mm loose tube or 2mm cable or 3mm cable | | | | | | | |

* Test at central wavelength only.

Ordering Information

| M | B | S | | | | | | | | | |
|---|---|---|--|----------------|-----------------|------------------------|----------------------|------------|--|--|---|
| | | | Wavelength | Structure | Splitting Ratio | Grade | Package | Fiber Type | Pigtail | Fiber Length | Connector |
| | | | 4=1550nm 7=1310nm A=850nm P=2000nm S=Specify | 3=1x3 A=3x3 | 33=33:33:33 | P=Premium A=A grade | 5=S6 7=S8 E=M2 | 2=50/125um | S=250um bare fiber M=0.9mm loose tube L=3mm cable R=2mm cable | 0=0.5m 1=0.75m 2=1.0m S=Specify | 0=None 1=FC/PC 2=FC/SPC 3=FC/APC 4=SC/SPC 5=SC/APC 6=ST 7=FC/UPC 8=SC/UPC 9=MU A=LC/PC B=SC/PC C=LC/UPC D=LC/APC |

Note: 1. Central Wavelength can be customized for different applications.
2. All specifications are before connectors and are subject to change without notice.
3. Measured under the stable mode condition with LED source.