

1x3 Single-Mode Dual-Window Wideband Fused Splitter

Product Description

Marchan Fused Splitter provides high performance, reliability and compact in size. It's qualified by industry standard test procedures and can be customized designed to meet specified feature applications.

Product Features

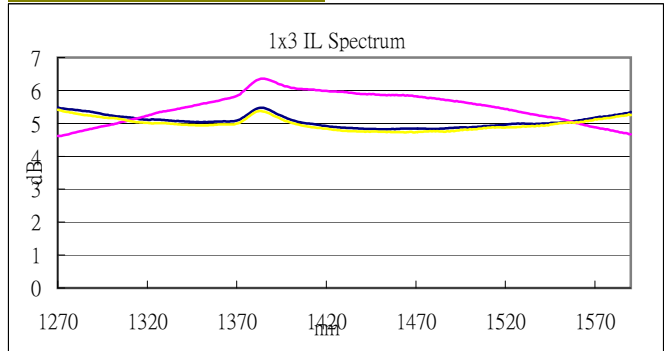
- Low Insertion Loss, PDL
- Compact Package
- High Reliability (meet GR-1209,GR-1221)
- RoHS Compliant



Applications

- PON Network
- CATV Network
- Power Distribution
- FTTx
- Test Equipment
- Telecommunication

Spectrum Chart



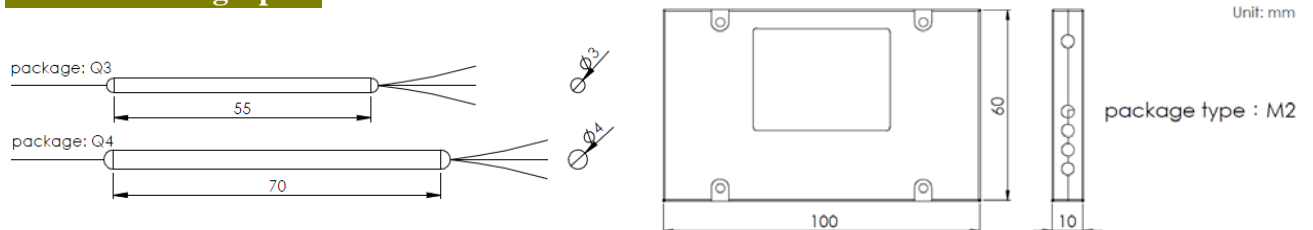
Product Specifications

| Parameters | Unit | Specifications (split ratio: 33/33/33) | |
|--------------------------------------|------|--|----------|
| | | Premium | Standard |
| Grade | | Premium | Standard |
| Operating Wavelength | nm | 1310±40, 1490 and 1550±40 | |
| Operating Temperature | °C | -40 ~ 85 * ¹ | |
| Insertion Loss (Max.) * ² | dB | 5.4 | 5.8 |
| Uniformity (Max.) | dB | 1 | 1.5 |
| PDL (Max.) | dB | 0.25 | 0.3 |
| Return Loss (Min.) | dB | 50 | |

*¹ -20°C to 70°C for 0.9mm/2.0mm/3.0mm cable

*² Values are reference without connector loss, IL max. add 0.3 dB per connector.

Dimension Diagram



Ordering Information

| | |
|----------------------------------|---|
| | MFC - <input style="width: 20px; height: 20px;" type="text"/> - <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> - <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> - <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> - <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> - <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> - <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> |
| Fiber Type | <p>1 : corning SMF-28e 2 : G657A</p> |
| Structure | <p>A03 : 1×3</p> |
| Operating Wavelength | <p>35 : 1310 ± 40, 1490 and 1550 ± 40 nm</p> |
| Coupling Ratio | <p>00 : even ratio</p> |
| Grade | <p>P : premium grade S : standard grade</p> |
| Package | <p>Q3 : φ3×55 mm (only for bare fiber) Q4 : φ4×70 mm (only for 0.9 mm tube) M2 : 100×60×10 mm (only for 0.9 mm tube, 2.0 and 3.0 mm PVC cable)</p> |
| Tubing | <p>B : bare fiber L : 0.9 mm loose tube 2 : 2.0 mm PVC cable 3 : 3.0 mm PVC cable</p> |
| Tail Length*3 | <p>10 : 1.0 m 15 : 1.5 m</p> |
| Input / Output Connectors | <p>00 : none SU : SC/UPC XX : customer specify FC : FC/PC SA : SC/APC FU : FC/UPC LC : LC/PC FA : FC/APC LU : LC/UPC SC : SC/PC</p> |

*3 Tail length tolerance: 0~+10 cm