

1x4 Single-Mode Dual-Window Wideband Fused Mini Splitter

Product Description

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

Product Features

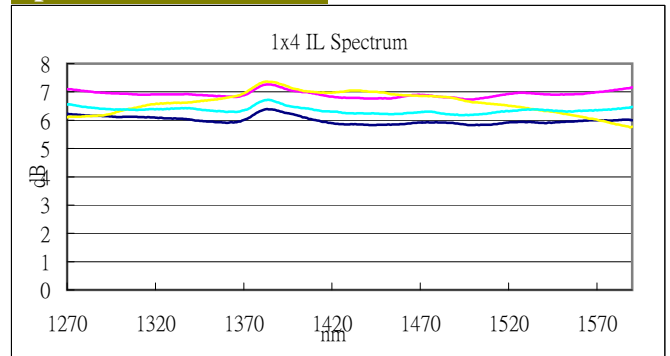
- Low Insertion Loss, PDL
- High Reliability (meet GR-1209,GR-1221)
- High Reliability (meet GR-1209,GR-1221)
- RoHS Compliant



Applications

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

Spectrum Chart



Product Specifications

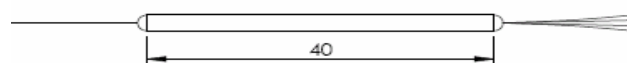
| Parameters | Unit | Specifications (split ratio: 25/25/25/25) | |
|--------------------------------------|------|---|----------|
| | | Premium | Standard |
| Grade | | Premium | Standard |
| Operating Wavelength | nm | 1310±40, 1490 and 1550±40 | |
| Operating Temperature | °C | -40 ~ 85 * ¹ | |
| Insertion Loss (Max.) * ² | dB | 7.2 | 7.5 |
| Uniformity (Max.) | dB | 1.2 | 1.8 |
| 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

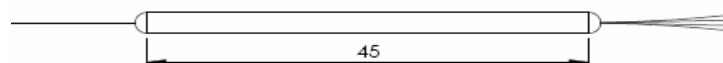
*² Values are reference without connector loss, IL max. add 0.3 dB per connector.

Dimension Diagram

package: Q6



package: Q7



unit: mm

Ordering Information

MFC - - - - - - - - - -

Fiber Type

- 1 : corning SMF-28e
- 2 : G657A

Structure

- A04 : 1×4

Operating Wavelength

- 35 : 1310 ± 40, 1490 and 1550 ± 40 nm

Coupling Ratio

- 00 : even ratio

Grade

- S : standard grade
- P : premium grade

Package

- Q6 : φ3×40 mm (only for bare fiber)
- Q7 : φ3×45 mm (only for 0.9 mm tube)

Tubing

- B : bare fiber
- L : 0.9 mm loose tube

Tail Length*3

- ab : a.b m 15 : 1.5 m
- 10 : 1.0 m

Input / Output Connectors

- 00 : none
- FC : FC/PC SU : SC/UPC XX : customer specify
- FU : FC/UPC SA : SC/APC
- FA : FC/APC LC : LC/PC
- SC : SC/PC LU : LC/UPC

*3 Tail length tolerance: 0~+10 cm