

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

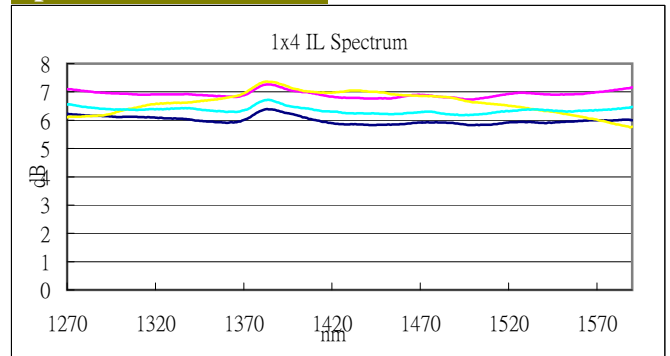
- Low Insertion Loss, PDL
- High Reliability (meet GR-1209,GR-1221)
- High Reliability (meet GR-1209,GR-1221)
- RoHS Compliant



Applications

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

Spectrum Chart



Product Specifications

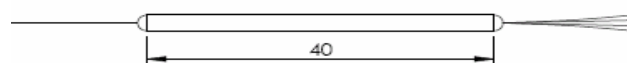
Parameters	Unit	Specifications (split ratio: 25/25/25/25)	
		Premium	Standard
Grade		Premium	Standard
Operating Wavelength	nm	1310±40, 1490 and 1550±40	
Operating Temperature	°C	-40 ~ 85 * ¹	
Insertion Loss (Max.) * ²	dB	7.2	7.5
Uniformity (Max.)	dB	1.2	1.8
PDL (Max.)	dB	0.25	0.3
Return Loss (Min.)	dB	50	

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

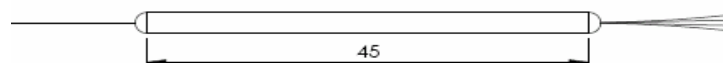
*² Values are reference without connector loss, IL max. add 0.3 dB per connector.

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