

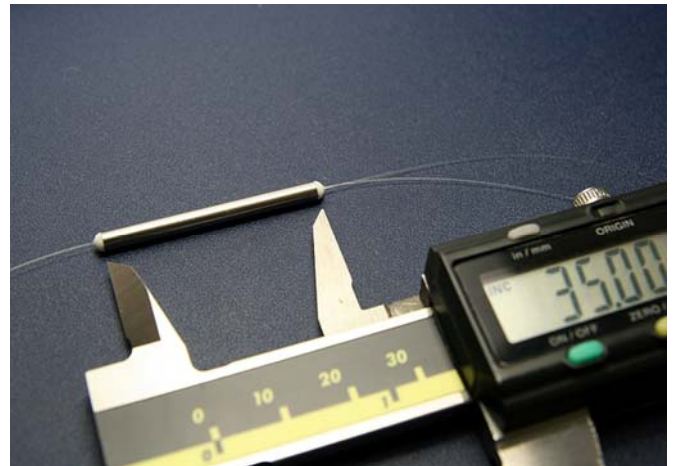
## 1x2 (2x2) Single-Mode Dual-Window Wideband Fused **Mini** Splitter

### 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

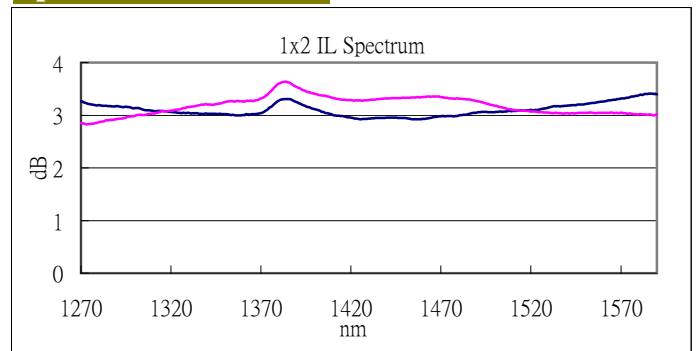
- Low Insertion Loss, PDL
- Compact Package
- High Reliability (meet GR-1209,GR-1221)
- RoHS Compliant



### Applications

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

### Spectrum Chart



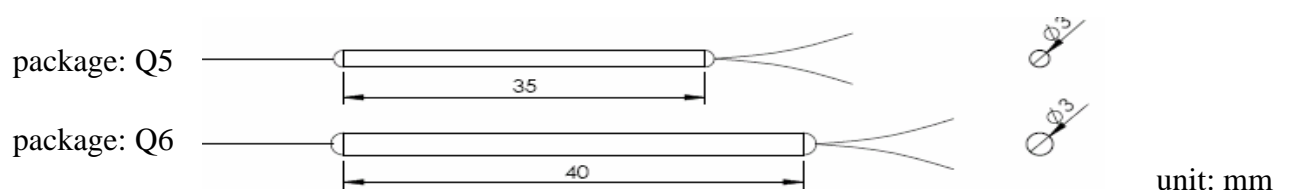
### Product Specifications

Parameters	Unit	Specifications (split ratio: 50/50)	
		Premium	Standard
Grade		Premium	Standard
Operating Wavelength	nm	1310±40, 1490 and 1550±40	
Operating Temperature	°C	-40 ~ 85 * <sup>1</sup>	
Insertion Loss (Max.) * <sup>2</sup>	dB	3.6	3.9
Uniformity (Max.)	dB	0.7	1.2
PDL (Max.)	dB	0.15	0.2
Return Loss (Min.)	dB	50	

\*<sup>1</sup> -20°C to 70°C for 0.9mm/2.0mm/3.0mm cable

\*<sup>2</sup> Values are reference without connector loss, IL max add 0.3 dB per connector.

### Dimension Diagram



## Ordering Information

MFC -  -  -  -  -  -  -  -  -  -

**Fiber Type**

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

**Structure**

- A02 : 1×2
- B02 : 2×2

**Operating Wavelength**

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

**Coupling Ratio**

- 00 : even ratio
- XX : customer specify

**Grade**

- P : premium grade
- S : standard grade

**Package**

- Q5 : φ3×35 mm ( only for bare fiber )
- Q6 : φ3×40 mm ( only for 0.9 mm tube )

**Tubing**

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

**Tail Length\*3**

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