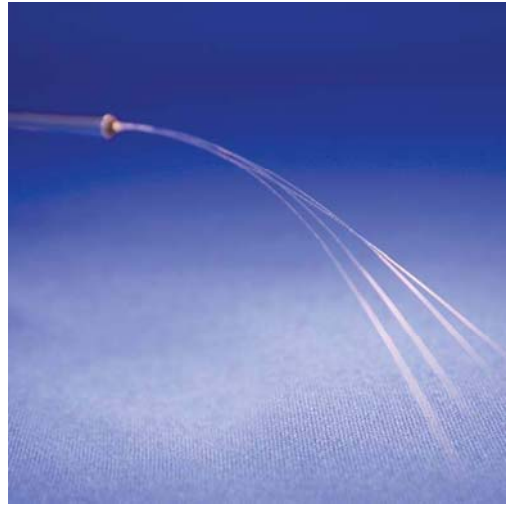


1x4 Single-Mode Dual-Window Wideband Fused Splitter

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.



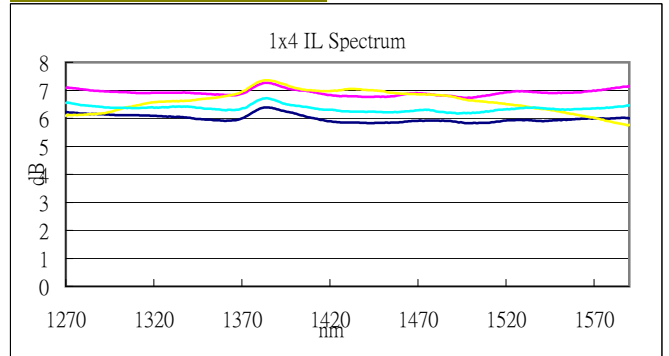
Product Features

- 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



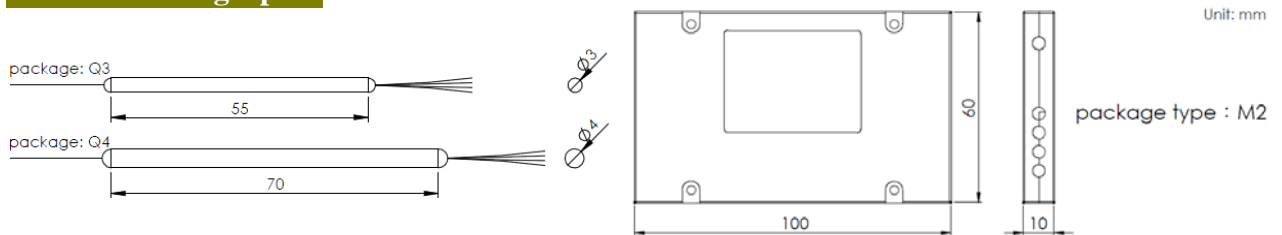
Product Specifications

Parameters	Unit	Specifications (split ratio: 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



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	
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	
P : premium grade S : standard grade	
Package	
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)	
Tubing	
B : bare fiber L : 0.9 mm loose tube 2 : 2.0 mm PVC cable 3 : 3.0 mm PVC cable	
Tail Length*3	
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