

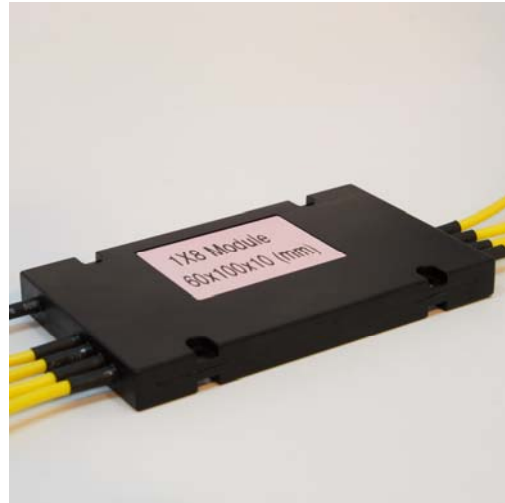
## 1x8 Single-Mode Single-Window Wideband Fused Splitter

### Product Description

Marchan Fused Splitter Module 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

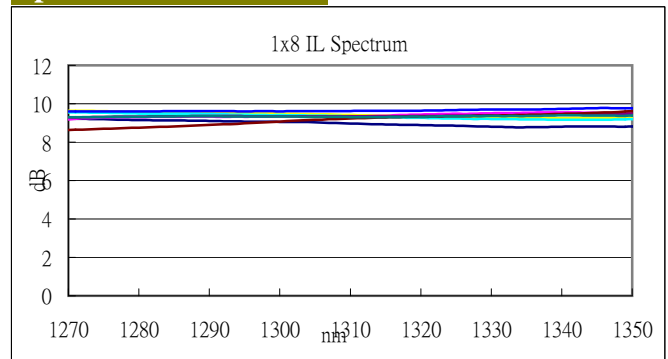
- Low Insertion Loss, PDL
- Compact Package
- High Reliability (meet GR-1209,GR-1221)
- RoHS Compliant



### Applications

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

### Spectrum Chart



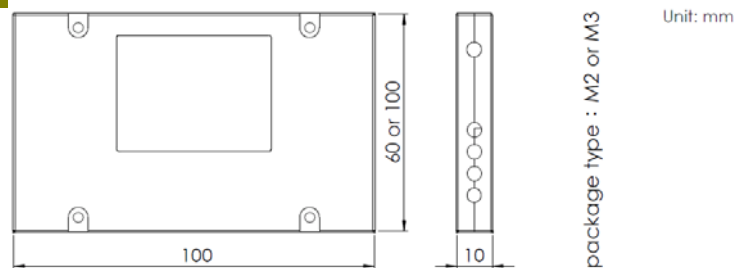
### Product Specifications

Parameters	Unit	Specifications (split ratio: even)	
		Premium	Standard
Grade		Premium	Standard
Operating Wavelength	nm	1310±40 or 1550±40	
Operating Temperature	°C	-40 ~ 85 * <sup>1</sup>	
Insertion Loss (Max.) * <sup>2</sup>	dB	10.5	11.5
Uniformity (Max.)	dB	1.8	2.3
PDL (Max.)	dB	0.3	0.4
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	-	□	-	□□	-	□□	-	□□	-	□	-	□□	-	□□	-	□□
<b>Fiber Type</b>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> <div style="width: 10%; border-right: 1px solid black; height: 100%;"></div> </div>																
1 : corning SMF-28e 2 : G657A																	
<b>Structure</b>																	
A08 : 1×8																	
<b>Operating Wavelength</b>																	
13 : 1310 ± 40 nm 15 : 1550 ± 40 nm																	
<b>Coupling Ratio</b>																	
00 : even ratio																	
<b>Grade</b>																	
P : premium grade S : standard grade																	
<b>Package</b>																	
M2 : 100 × 60 × 10 mm (input/output on difference side) M3 : 100×100×10 mm (input/output on the same side)																	
<b>Tubing</b>																	
B : bare fiber L : 0.9 mm loose tube 2 : 2.0 mm PVC cable 3 : 3.0 mm PVC cable																	
<b>Tail Length*3</b>																	
10 : 1.0 m                      15 : 1.5 m																	
<b>Input / Output Connectors</b>																	
00 : none																	
FC : FC/PC                      SU : SC/UPC                      EA : E2000/APC																	
FU : FC/UPC                      SA : SC/APC                      ST : ST/PC																	
FA : FC/APC                      LC : LC/PC                      SU : ST/UPC																	
SC : SC/PC                      LU : LC/UPC                      XX : customer specify																	

\*3 Tail length tolerance: 0~+10 cm