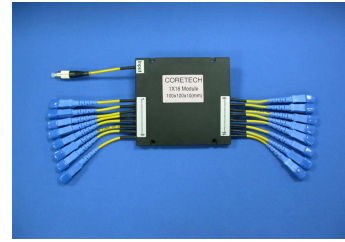


## 1×16 / 1×32 Single-Mode Dual-Window Wideband Fused Splitter

### Product Description

Coretech 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

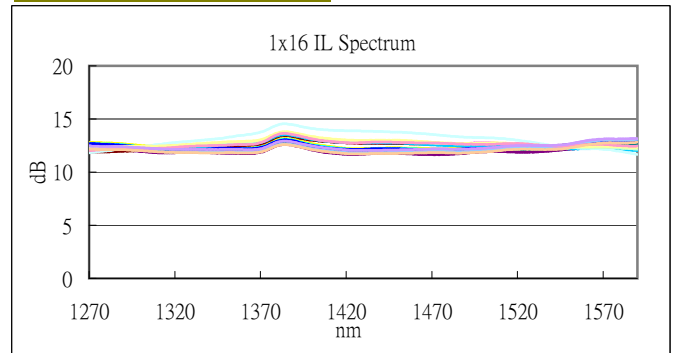
- Low Insertion Loss, PDL
- Compact Package
- High Reliability (meet GR-1209,GR-1221)
- RoHS Compliant



### Applications

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

### Spectrum Chart



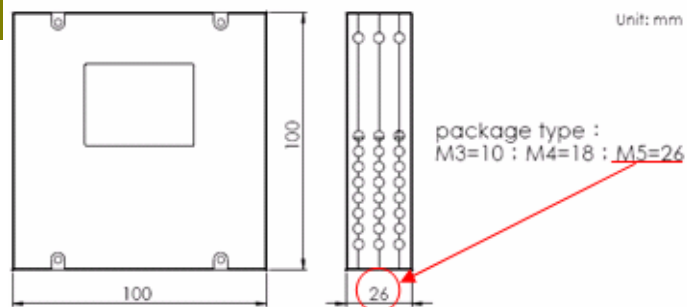
### Product Specifications

Parameter	Unit	1×16		1×32	
		Premium	Standard	Premium	Standard
Grade	-	Premium	Standard	Premium	Standard
Operating Wavelength	nm	1310 ± 40 and 1550 ± 40			
Operating Temperature	°C	-40~85			
Insertion Loss(Max.)	dB	13.6	15.1	17.5	18.5
Uniformity(Max.)	dB	2.5	3.2	2.8	3.5
PDL(Max.)	dB	0.4	0.4	0.5	0.6
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

NFC - □ - □□□ - □□ - □□ - □□ - □□ - □□ - □□ - □□ - □□

### Fiber Type

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

### Structure

- |            |            |
|------------|------------|
| A16 : 1×16 | A32 : 1×32 |
| B16 : 2×16 | B32 : 2×32 |

### Operating Wavelength

- 35 : 1310 ± 40 and 1550 ± 40 nm

### Coupling Ratio

- 00 : even ratio

### Grade

- P : premium grade
- S : standard grade

### Package

- M3 : 100×100×10 mm (input/output on difference side ; 1×16)
- M4 : 100×100×18 mm (input/output on same side ; 1×16)  
(input/output on the difference side ; 1×32)
- M5 : 100×100×26 mm (input/output on the same side ; 1×32)

### Tubing

- B : bare fiber
- L : 0.9mm loose tube
- 2 : 2.0mm PVC cable
- 3 : 3.0mm PVC cable

### 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 | 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