

## 0206 PM PLC Splitter

S2000-P

### 1550 nm PM PLC Splitter Module(1x8)

The module is a 1550 nm PM PLC splitter module(1x8). It offers very low insertion loss, high return loss, high extinction ratio, high stability and high reliability. It can be used for EDFA & Raman amplifiers, fiber sensors, fiber optical instruments and power monitoring systems.

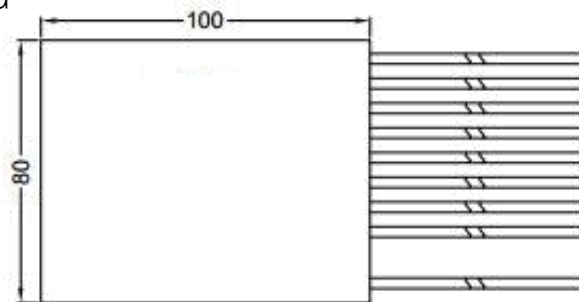
#### FEATURES

- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High Stability and Reliability

#### USE IN

- EDFA & Raman Amplifier
- Fiber Sensor
- Fiber Optical Instrument
- Power Monitoring System

#### MECHANICAL DRAWING



Unit: mm

Type	1x4	1x8	1x16
Center Wavelength	1520 nm to 1570 nm		
Insertion Loss	7.3 dB max.	10.5 dB max.	13.7 dB max.
Wavelength Dependent Loss	0.6 dB max.	0.6 dB max.	1.0 dB max.
Uniformity	0.6 dB	0.8 dB	1.2 dB
Extinction Ratio	18 dB min.		
Return Loss	50 dB min.		
Insertion Temperature Stability	0.5 dB max. (-40°C to +85°C)		
Power Handling	300 mW max.		
Tensile Load	5 N max.		
Operating Temperature	-5°C to +70°C		
Storage Temperature	-40°C to +85°C		
Fiber Type	PM Panda Fiber		
Dimension (ABS Box)	100x80x10 mm		120x80x18 mm

\* For device with connectors, IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower.

**Order notes to our customers:** The default parameters are as follows. For special needs, please contact sales.

**1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.**

**2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.**