

Features

- Low insertion loss
- Wide operating wavelength range
- Compact size
- Epoxy free on optical path
- Exceptional stability and reliability



Applications

- Fiber-optics sensing
- Test & measurement

Product Description

Primanex Fiber Mirror (FM) is the result of years of extensive experiences in micro-optics technology. The components demonstrate low insertion loss and robustness against environmental variation, making them ideal candidates in the field applications of fiber-optics sensing systems, and test & measurement instrumentation.

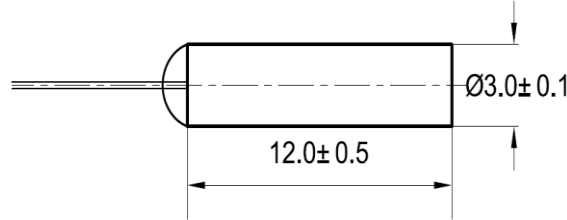
Specifications

Item	Unit	Parameters	Notes
Fiber Type	NA	Prismian single mode special violet fibre	Other fiber type is optional
Insertion Loss	dB	0.5 (max.)	excluding mirror transmission loss or reflectivity is 100%
	dB	7.0 (min); 7.5 (max.)	Including mirror transmission loss, for reflectivity is 20%
	dB	10.0 (min); 10.5 (max.)	Including mirror transmission loss, for reflectivity is 10%
Central Wavelength	nm	1310 or 1550	Other wavelength is optional
Bandwidth	nm	+/- 15 nm	
PDL	dB	0.05	
Optical Power Handling	mW	500	
Tensile Load	N	5	
Operating Temperature	°C	-5 ~ 70	Wider temperature range available upon request
Storage Temperature	°C	-40 ~ 85	
Dimension	mm	φ3.0 × 12.0	Custom size available upon request

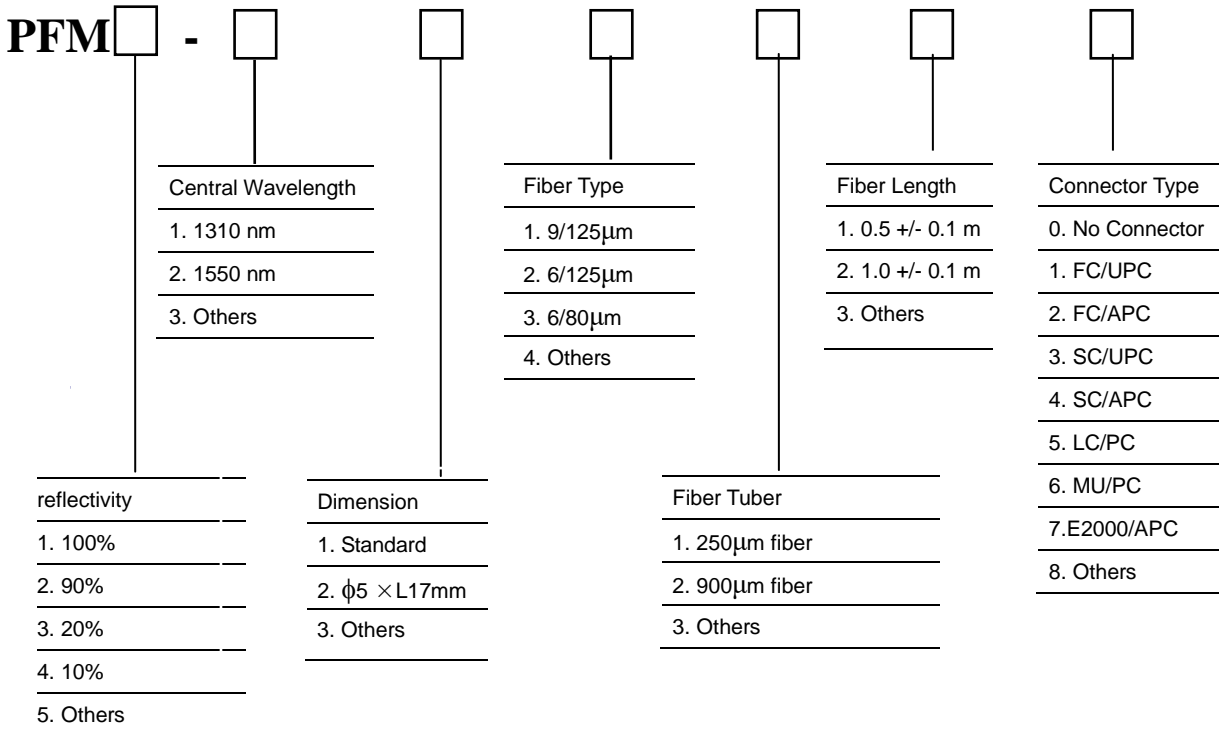
*. All the specifications are based on the devices without connectors.

** . Specifications are subject to change without notice.

Dimensions Drawing (Unit: mm)



Ordering Information(Example: PFM1-111110)



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