

Polarization Maintaining Collimator

The collimator can provide a low cost solution with excellent performances including low insertion loss, high return loss. In addition, various parameters of the collimator can be designed by customer's requirement such as beam spot diameter, working distance, dimension etc.

Feature

Low Insertion Loss
High Extinction Ratio
Compact Design
Wide Operating Wavelength
Wide Operating Temperature
High Reliability and Stability
Comply with Telcordia GR-1209-CORE-2001, Telcordia
GR-1221-CORE-1999 and RoHS



Applications

Isolators

Circulators

Switches

WDM

Signal Processing

Specifications

Parameters		Values		
Туре		Standard		Long working distance
Working Distance (mm)		<20		<100
Grade		P	A	A
Insertion Loss(λc,23°C) (dB) (λc @1310&1550nm)	Тур.	0.15	0.20	0.25
	Max.	0.20	0.25	0.30
Insertion Loss(λc,23°C) (dB) (λc @980&1064nm)	Тур.	0.18	0.23	0.30
	Max.	0.23	0.27	0.35
Extinction Ratio(dB)	Max.	25	23	22
Return Loss (dB)		60	60 55	
Housing Diameter(O.D.) (mm)		2.78 without metal tube		
		3.2 with metal tube		
Housing Length(L) (mm)		9 or10		
Fiber Type		SM13-PS-U25A, SM15-PS-U25A or SM98-PS-U25A		
Fiber Length (m)		1.5		

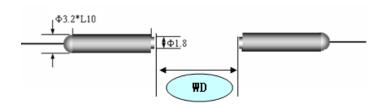
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Maximum Optical Power (mw)	500
Operating Temperature (°C)	-40~85
Storage Temperature (°C)	-40~85
* The appointment on are w/o compactor	

^{*} The specifications are w/o connector.

Dimensions



^{*} For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

^{*} For device with connector, key aligned to slow axis.