

FARADAY MIRROR (1310, 1480, 1550nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter	Unit	Value	
Wavelength	nm	1310±30, or 1480±30, or 1550±30	
Faraday Rotation Angle (Single Pass)	Degree	45	
Rotation Angle Tolerance over Wavelength and Temperature	Degree	±5	
Insertion Loss (23°C, All SOP)	Typ.	dB	0.4
	Max	dB	0.6
PDL	Max	dB	0.05
PMD	Max	ps	0.1
Return Loss	Min	dB	50
Optical Power Handling	Max	mW	300
Package Dimension	mm	φ4.5 x L31	
Operating Temperature	°C	-5 to + 70	
Storage Temperature	°C	-40 to +85°C	

* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & PDL.

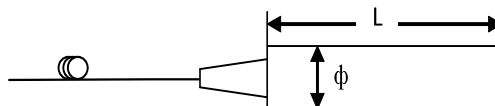
* SOP=State Of Polarization

Ordering Information

Contact Ascentta with your custom configuration needs.

FRDMR	Wavelength	Fiber Type	Fiber Length	Connector
FRDMR	13=1310nm 14=1480nm 15=1550nm	B=SMF-28, 250um L= SMF-28, 900um	10=1.0m 15=1.5m 20=2.0m 30=3.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC
	X=Others	X=Others	X=Others	

Package Dimensions



Contact Ascentta for all your custom design needs.