

Fiber Mirror Partial Reflector

Features

Low Insertion Loss
Compact Size
Environmental Stability

Applications

Fiber Instruments
Fiber Sensor



Specifications

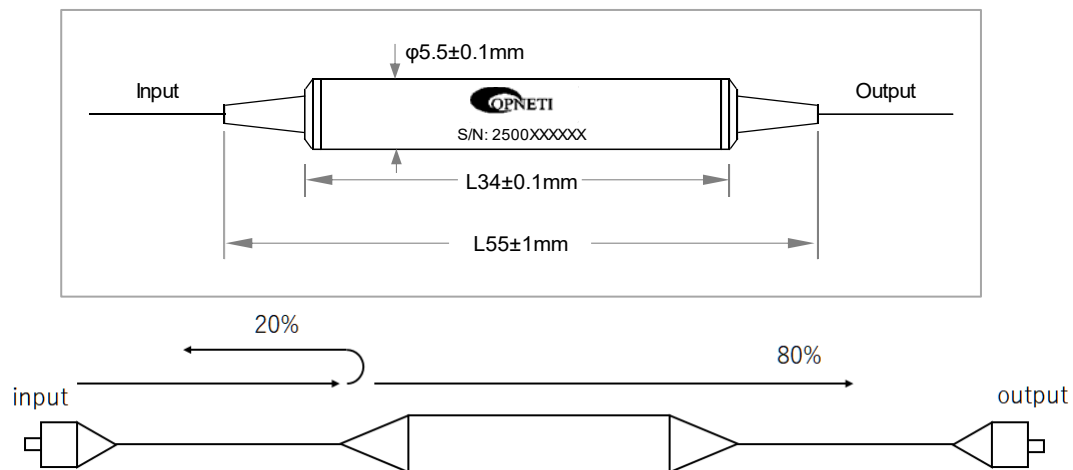
Parameters	Unit	Values			
Center Wavelength	nm	1310, 1490, 1550			
Bandwidth Range	nm	±50			
Reflection Percentage ^[1]		5%	10%	20%	50%
Insertion Loss Input Port to Reflect Port (Input Port)	dB	≤13.4	≤10.4	≤7.6	≤3.4
Insertion Loss Input Port to Output Port	dB	≤0.72	≤0.96	≤1.5	≤3.5
ER for PM Fiber Type ^[2]	dB	≥20			
PDL for SM Fiber Type ^[2]	dB	≤0.1			
Power Handling	mW	≤500			
Fiber Type		SMF-28e, PM1550, PM1300			
Operating Temperature	°C	-5 ~ +70			
Storage Temperature	°C	-40 ~ +85			
Dimensions	mm	φ5.5×34			

[1] Other Split ratio available on requests.

[2] Insertion Loss +0.2dB, Extinction Ratio -2dB if add connector.

* The default connector key is aligned to slow axis.

Package Dimensions



Ordering Information

FMRS- ①①①①-②②-③③③-④-⑤-⑥⑥-⑦⑦⑦⑦⑦⑦

①	Wavelength	1310; 1490; 1550;
②	Reflection%	5%; 10%; 20%; 50%;
③	Pigtail Type	250=250μm Bare Fiber; 900=900μm loose tube; 3000=3mm Cable;
④	Fiber Type	1=SMF-28e; P15=PM1550; P13=PM1300;
⑤	Length	1=1m;
⑥	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;