

Multimode Fiber Isolator (1310, 1550nm) (IS)

Features

Low Insertion Loss
High isolation & Return Loss
Epoxy-Free in Optical Path

Applications

Fiber sensor
Testing instruments
LAN

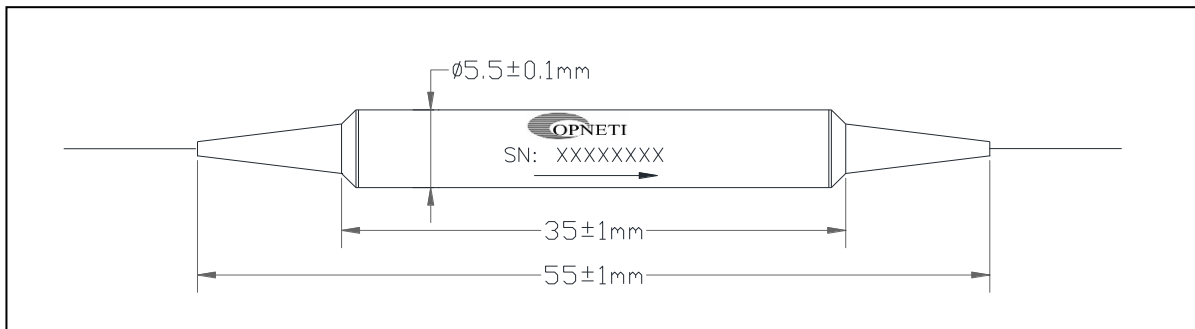
Specifications



Parameters	Unit	Single Stage	Dual Stage
Operating Wavelength	nm	1310, 1550	
Bandwidth	dB	±20	
Peak isolation	dB	50	
Isolation (λ_c , -5 ~ +70 °C)	dB	≥40	
Typ. IL (λ_c , 23 °C)	dB	0.4	
Insertion Loss (λ_c , -20 ~ +70 °C)	dB	≤0.5	
Return Loss (Input/Output)	dB	≥40/40	
Temperature Dependent Loss (-20~70 °C)	dB	≤0.2	
Fiber Type	-	MMF62.5/125 or MMF 50/125	
Fiber Length	m	1	
Max Power Handling CW	mW	500	
Operating Temperature	°C	-20 ~ +75	
Storage Temperature	°C	-40 ~ +85	
Dimensions	mm	φ5.5×L35	
Approx Weight	g	35	

*For devices with connectors, IL+0.3dB, RL-5dB.

Package Information



Ordering Information

IS- ①-②②②②-③③③③-④-⑤-⑥⑥-⑦⑦⑦⑦⑦⑦⑦⑦

①	Type	S=Single Stage; D=Dual Stage;
②	Wavelength	1550; 1310;
③	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
④	Fiber Type	2=MMF50/125; 3=MMF62.5/125;
⑤	Fiber Length	1=1m; XX=other;
⑥	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;
⑦	Package size	5.5x35;