

Miniature Isolator

Descriptions

Anylink provides Miniature Single-Stage Isolator.

Features

- ▶ High Isolation
- ▶ Low Insertion Loss
- ▶ High Return Loss
- ▶ Low PDL
- ▶ Epoxy Free in Optical Path



Applications

- ▶ Optical Fiber Amplifier
- ▶ CATV Networks
- ▶ Optical Fiber Lan
- ▶ Fiber Optic Instruments

Specifications

Parameters	Specification	
	P Grade	A Grade
Wavelength(nm)	1310 or 1550 or 1480	
Max Isolation(dB)	≥40	≥39
Isolation(dB)	≥30	≥29
Insertion Loss (Typ.) (dB)	0.4	0.5
Insertion Loss (dB)	≤0.6	≤0.7
Return Loss (dB)	≥55/50	≥55/50
PDL (dB)	< 0.1	< 0.15
PMD (ps)	0.25(0.05 available upon request)	
Bandwidth(nm)	±15	
Operating Temperature(°C)	0 ~ +70	
Storage Temperature(°C)	-40 ~ +85	
Fiber Type	Corning SMF-28	
Rated power(mW)	300	

Remark: with connectors:0.3dB higher for IL,5dB lower for RL

Ordering Information

MPL - A — B — C - D — E — F — G		
A	Wavelength	1310=1310nm, 1480=1480nm, 1550=1550nm L=L Band S=Special
B	Grade	P=Premium Grade A=Average Grade S=Special Grade
C	Tube Type	0.9=0.9mm loose tube, 2= 2.0mm loose tube, 3= 3.0mm loose tube, etc
D	Fiber Type	SMF-28e
E	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC, SC/APC, FC/UPC, FC/APC, etc
F	Package Size	3.0x30mm
G	Fiber length	003=0.3m, 005=0.5m, 010=1.0m, 100=10m, etc
For example: MPL-1310-P-0.9- SMF-28e -LC/UPC-5.5x35-010		