

3-PORT PON WDM

Features

- Low insertion loss & high isolation
- Extended operating temperature range
- Optical path epoxy free
- Telcordia compliant
- RoHS compliant

Applications

- PON system
- FTTx network

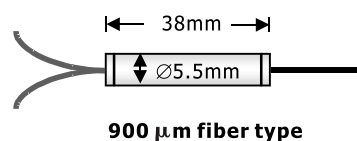
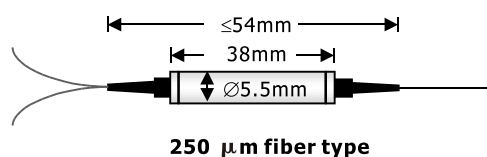


Specifications

Parameter	Specification	Unit
Operating Wavelength Range	1310 band: 1260~1360	nm
	1490 band: 1480~1500	
	1550 band: 1550~1560	
Isolation Type	Standard High Isolation	
Transmission Insertion Loss	Max 0.8 (Typ 0.6) 1.0 (Typ 0.8)	dB
Reflection Insertion Loss	Max 0.6 (Typ 0.4) 1.0 (Typ 0.8)	dB
Transmission Isolation	Min 30 45	dB
Reflection Isolation	Min 15 45	dB
Return Loss	Min 45 45	dB
Directivity	Min 45 45	dB
Polarization Dependent Loss	Max 0.1 0.2	dB
Operating Temperature Range	-40~+85	°C
Storage Temperature Range	-40~+85	°C
Maximum Power Handling	300	mW
Package Dimension (L* Ø)	38*5.5	mm

1. All values referenced without connector.

Dimension



Order Information

TFWDM A-B-C-D

A	Isolation Type	S: Standard H: High isolation
B	Operating Wavelength	534: 1550 pass / 1310&1490 reflect 345: 1310&1490 pass / 1550 reflect
C	Fiber Type	1: 250 μm bare fiber 2: 900 μm tight buffer fiber
D	Connector Type	0: Without connector 1: FC/PC 2: FC/UPC 3: FC/APC 4: SC/PC 5: SC/UPC 6: SC/APC 7: ST 8: LC 9: MU X: Customized