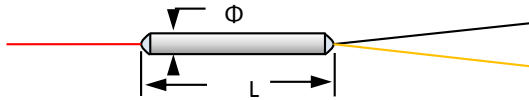


Fused WDM 1450/1550nm

The 1450/1550nm Fused Wavelength Division Multiplexer (WDM) is based on fused biconical taper (FBT) technology. It provides wavelength division multiplexing function.



Features

- Low Insertion Loss
- High Isolation
- Compact Size

Applications

- WDM System
- PON
- CATV

Performance Specification

Parameter	Value	Unit
Operating Wavelength	1450/1550	nm
Bandwidth	±5	dB
Max. Center Wavelength Insertion Loss	0.3	dB
Min. Center Wavelength Isolation	15	dB
Max. PDL	0.1	dB
Min. Return Loss	60	dB
Max. Thermal Stability	0.002	dB
Max. Handling Power	5	W
Fiber Type	Corning SMF-28e fiber	
Operating Temperature	-20 to +70	°C
Storage Temperature	-40 to +85	°C
Package Dimension	Φ3.0×L76 for 250um bare fiber	mm
	Φ3.0×L92 for 900um loose tube	mm

Note

* Above specifications are for device without connector. For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

Ordering Information

WDM-AAAA/AAAA-BB-C-DD-EE

AAAA/AAAA	BB	C	DD	EE
Wavelength	Fiber Jacket	Fiber Jacket	Fiber Length	Connector
1450/1550 - 1450/1550nm	SM - SMF-28e Fiber	B - 250um Bare	05 - 0.5m	NE - None
SSSS/SSSS - Specify	SS - Specify	Tube	08 - 0.8m	FA - FC/APC
		L - 900um Loose	10 - 1.0m	FP - FC/PC
		Tube	15 - 1.5m	SA - SC/APC
			SS - Specify	SP - SC/PC
				LA - LC/APC
				LP - LC/PC
				SS - Specify