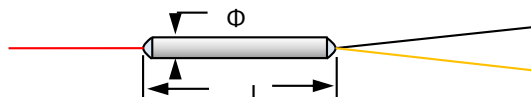


Fused WDM 1480/1550nm

The 1480/1550nm 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	1480/1550	nm
Bandwidth	±5	dB
Max. Center Wavelength Insertion Loss	0.2	dB
Min. Center Wavelength Isolation	19	dB
Max. PDL	0.1	dB
Min. Return Loss	60	dB
Max. Thermal Stability	0.002	dB
Min. Directivity	60	dB
Fiber Type	Corning SMF-28e fiber	
Operating Temperature	-20 to +70	°C
Storage Temperature	-40 to +85	°C
Package Dimension	Φ3.0×L40 for 250um bare fiber Φ3.0×L56 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
1480/1550 - 1480/1550nm	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