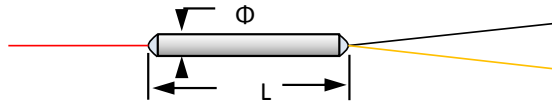


Fused WDM 635/1550nm

The 635/1550nm Fused Wavelength Division Multiplexer (WDM) is based on fused biconical taper (FBT) technology. It provides wavelength division multiplexing function. It is designed for fiber laser which could withstand high power. OF-Link's 635/1550nm Fused WDM could be built by SMF-28e fiber.



Features

- Low Insertion Loss
- High Isolation
- Compact Size

Applications

- Fiber Laser
- Fiber Amplifier
- Lab & Research

Performance Specification

Parameter	Value		Unit
WDM Operating Wavelengths	635/1550 or customized		nm
Center Wavelength	635	1550	nm
Bandwidth	±5	±5	nm
Max. Insertion Loss	2.0	0.3	dB
Max. PDL for 1550 nm	0.1		dB
Min. Return Loss	50		dB
Fiber Type	Corning SMF-28e or customized		
Operating Temperature	-10 to +70		°C
Storage Temperature	-40 to +85		°C
Max. Handling Power	1		W
Package Dimension	Φ3.0×L60 for 250um bare fiber		mm
	Φ3.0×L60 for 900um loose tube		mm

Note

* Above specifications are for device without connector. For devices with connectors, IL will be higher and RL will be lower.
* Specification subject to change without notice.

Ordering Information

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

AAA/AAAA	BB	C	DD	EE
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector
635/1550 - 635/1550nm	SM - SMF-28e Fiber	B - 250um Bare Tube	05 - 0.5m	NE - None
SSS/SSSS - Specify	SS - Specify	L - 900um Loose Tube	08 - 0.8m	FA - FC/APC
			10 - 1.0m	FP - FC/PC
			15 - 1.5m	SA - SC/APC
			SS - Specify	SP - SC/PC
				LA- LC/APC
				LP - LC/PC
				SS - Specify