

## FUSED (WDM) WAVELENGTH DIVISION MULTIPLEXER (1480/1550, or 1480/1590nm)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	1480/1550	1480/1590
Operating Wavelength		nm	1480 and 1550	1480 and 1590
Operating Bandwidth		nm	±15	
Isolation	Min	dB	15	
Insertion Loss	Max	dB	0.30	
PDL	Max	dB	0.10	
Directivity	Min	dB	55	
Optical Power Handling	Max	mW	300	
Operating Temperature		°C	-40 to 85	
Storage Temperature		°C	-40 to 85	

\* The above specifications are for parts without connectors. Adding connectors can affect the IL, & PDL.

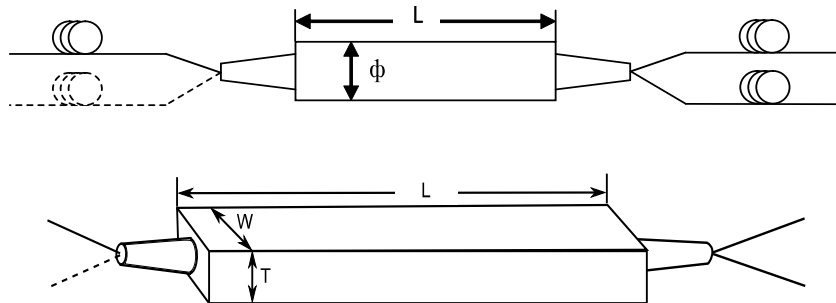
\* SOP=State Of Polarization

### Packaging

Contact Ascentta with your custom configuration needs.

Parameter		250µm bare fiber	900µm loose tube	900µm/2mm/3mm loose tube
Configuration		1x2 or 2x2		
Dimension	mm mm	φ3.0 x L40 Φ3.0 x L54	φ3.0 x L54 φ3.0 x L56	L90 x W20 x T10

### Package Diagram



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**Ordering Information**

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WDMC	Wavelength	Ports	Package	Fiber Type	Cable Type	Fiber Length	Connector
WDMC	45=1480/1550	12=1x2	A40= $\phi$ 3.0 x L40	S=SMF-28 fiber	B=250um	10= 1.0m	NE=None
	49=1480/1590	22=2x2	A54= $\phi$ 3.0 x L54	X=Others	L=900um	15=1.5m	FA=FC/APC
	X=Others		A56= $\phi$ 3.0 x L56		W=2mm	20=2.0m	FC=FC/PC
			C10=L90xW20xT10		H=3mm	X=Others	SA=SC/APC
			X=Others		X=Others		SC=SC/PC
							LC=LC/PC
							X=Others

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