

## FUSED (WDM) WAVELENGTH DIVISION MULTIPLEXER: MIXED FIBER (980/1550nm)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	980/1550
Operating Wavelength		nm	980 and 1550
Operating Bandwidth		nm	±15
Isolation	Min	dB	20
Insertion Loss	Max	dB	0.25
PDL	Max	dB	0.05
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.

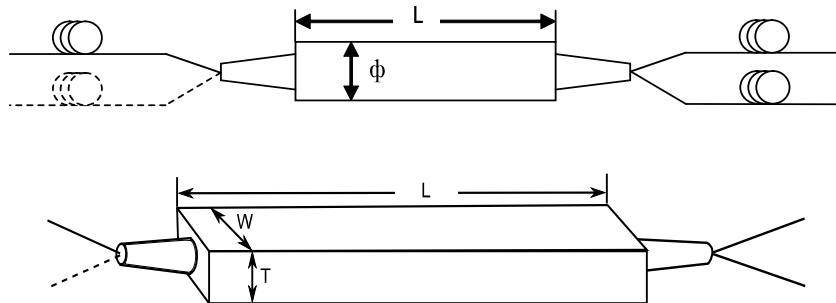
\* SOP=State Of Polarization

### Packaging

Contact Ascentta with your custom configuration needs.

Parameter		250µm bare fiber	900µm loose tube	900µm/2mm/3mm loose tube
Configuration		1x2 or 2x2		
Fiber Type	Common & Pump Port	-	Corning HI 1060, Corning 1060 Flexcore	
	Signal Port	-	Corning SMF-28	
Dimension	mm	Φ3.0 x L40	Φ3.0 x L54	L90 x W20 x T10
	mm	Φ3.0 x L54	Φ3.0 x L56	

### Package Diagram



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**Ordering Information**

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WDMC	Wavelength	Ports	Package	Fiber Type	Cable Type	Fiber Length	Connector
WDMC	95=980/1550	12=1x2 22=2x2	A40= Φ3.0 x L40 A54= Φ3.0 x L54 A56= φ3.0 x L56 C10=L90 × W20 × T10	S=SMF-28 fiber H1=Hi 1060 F1=Flexcore 1060	B=250um L=900um W=2mm H=3mm	10= 1.0m 15=1.5m 20=2.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC LC=LC/PC
	X=Others		X=Others	X=Others	X=Others	X=Others	X=Others

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