

FUSED (WDM) WAVELENGTH DIVISION MULTIPLEXER: MINI-SIZE (980/1550, 980/1590, or 1310/1550nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	980/1550 or 980/1590	1310/1550
Operating Wavelength		nm	(980 and 1550) or (980 and 1590)	1310 and 1550
Operating Bandwidth		nm	±10/20	±15
Isolation	Min	dB	20	17
Insertion Loss	Max	dB	0.25	0.25
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.

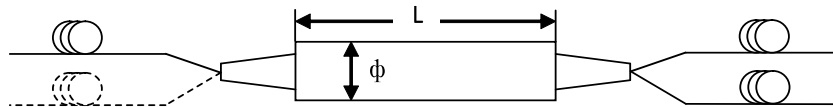
* SOP=State Of Polarization

Packaging

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Parameter		980/1550 or 980/1590	1310/1550
Configuration		1x2 or 2x2	
Cable		250µm bare fiber	
Fiber		Corning HI 1060, or Corning 1060 Flexcore	SMF-28e
Dimension	mm	Φ2.4 x L30 (0.15 PDL) Φ3.0 x L30 Φ3.0 x L35	

Package Diagram



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Ordering Information

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WDMC	Wavelength	Ports	Package	Fiber Type	Cable Type	Fiber Length	Connector
WDMC	35=1310/1550	12=1x2	G30=Φ2.4 x L30	S=SMF-28 fiber	B=250um	10= 1.0m	NE=None
	95=980/1550	22=2x2	A30=Φ3.0 x L30	H1=Hi 1060	X=Others	15=1.5m	FA=FC/APC
	99=980/1590		A35=Φ3.0 x L35	F1=Flexcore 1060		20=2.0m	FC=FC/PC
	X=Others		X=Others	X=Others	X=Others	SA=SC/APC	
							SC=SC/PC
							LC=LC/PC
							X=Others

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