

## SINGLE MODE SPECIFIC WAVELENGTH DIVISION MULTIPLEXER (WDM)

### Specifications

Parameter	Unit	Type 980/1060 Type 980/1053 Type 1550/1625	Type 1064/1550
Operating Wavelength	nm	980 and 1060 or 980 and 1053 or 1550 and 1625	1064 and 1550
Operating Bandwidth	nm	±5	±15
Insertion Loss	dB	≤0.3	≤0.3
Isolation	dB	≥15	≥18
PDL	dB	≤0.10	≤0.10
Directivity	dB	≥55	
Operating Temperature	°C	-40 ~ +85	

### Package Information

Configuration	1x2 or 2x2		
Fiber Lead Length	1 meter, others on request		
Fiber Type	250μm bare fiber	900μm loose tube	900μm/2mm/3mm loose tube
Dimension (mm)	φ3.0 x L56	φ3.0 x L56	90 x 16 x 9
	φ3.0 x L40	90 x 16 x 9	106 × 79 × 10

### Package Dimensions for Ordering Information

A30: φ3.0mm x L30mm A35: φ3.0mm x L35mm A40: φ3.0mm x L40mm A56: φ3.0mm x L56mm A90: φ3.0mm x L90mm	F30: φ3.5mm x L30mm F35: φ3.5mm x L35mm F35: φ3.5mm x L40mm F35: φ3.5mm x L54mm
G18: φ2.4mm x L18mm G25: φ2.4mm x L25mm G30: φ2.4mm x L30mm	K40: Φ4.0mm x L40mm K45: Φ4.0mm x L45mm K54: Φ4.0mm x L54mm K75: φ4.0mm x L75
C1: 90mm x 16mm x 9mm C2: 106mm × 79mm × 10mm C3: 125mm x 96mm x 15mm C4: 145mm x 116mm x 18mm	C5: 130mm × 127mm × 30mm C6: 130mm × 127mm × 59mm C7: 483mm × 440mm × 44mm

**Ordering Information**

WDMC	Wavelength	Ports	Package	Fiber Type	Cable Type	Fiber Length	Connector
WDMC	35=1310/1550	12=1x2	A40	S=SMF-28 fiber	B=250um	10= 1.0m	NE=None
	45=1480/1550	22=2x2	.	M5=50um MM fiber	L=900um	15=1.5m	FA=FC/APC
	49=1480/1590		A56	M6=62.5um MM fiber		20=2.0m	FC=FC/PC
	95=980/1550			H1=1060 Flexcore	H=3mm	XX=Others	SA=SC/APC
	99=980/1590		F30	PM=PM Panda fiber			SC=SC/PC
	05=1064/1550		F35	X=Others			LC=LC/PC
	XX=Others		.				XX=Others
			G18				
			G25				
			.				
			K40				
			K45				
			K54				
			.				
			C1				
		C2					
		.					
		XX					