



Fused Single-Mode Wavelength Division Multiplexer

WDM-2 (980/1550)



OPLINK 980/1550nm WDMs are manufactured by using the proven fused biconical taper technology and OPLINK stringent quality procedures. With low insertion loss and flat passband, this device is ideal for combining pump (980 nm) and signal light at 1550 nm in optical fiber amplifiers.

Performance Specifications

WDM-2 Series 980/1550	Premium	Grade A
Operating Wavelength (nm)	980 \pm 10 / 1550 \pm 15	
Insertion Loss (dB) (980 \pm 10 / 1550 \pm 15 nm)	\leq 0.3	\leq 0.4
Isolation (dB)	\geq 20	\geq 20
Polarization Sensitivity (dB)	\leq 0.1	\leq 0.1
Thermal Sensitivity (dB/ $^{\circ}$ C)	\leq 0.002	
Directivity (dB)	$>$ 55	
Operating Temperature ($^{\circ}$ C)	-40 to +70	
Storage Temperature ($^{\circ}$ C)	-40 to +85	
Package Dimension (mm)	P1: 250 μ m Flexcor 1060	(ϕ) 3.0 x (L) 54
	P2: 900 μ m loose tube	(ϕ) 3.0 x (L) 65

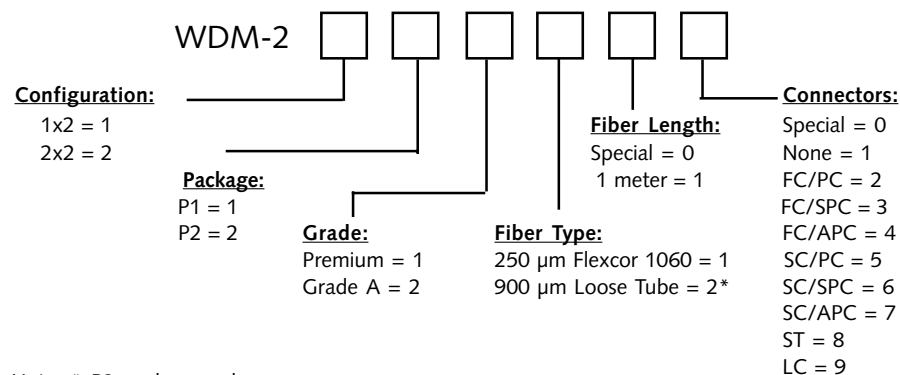
Features

- Ultra Low Insertion Loss
- Ultra High Isolation
- Low Polarization Sensitivity
- High Directivity
- Highly Stable and Reliable
- Bidirectional

Applications

- Telecommunications
- CATV
- Subscriber Loop
- Local Area Networks
- Fiberoptic Sensors

Ordering Information



Note: * P2 package only