



# Fused Single-Mode Wavelength Division Multiplexer

## WDM-4 (1550/1625)



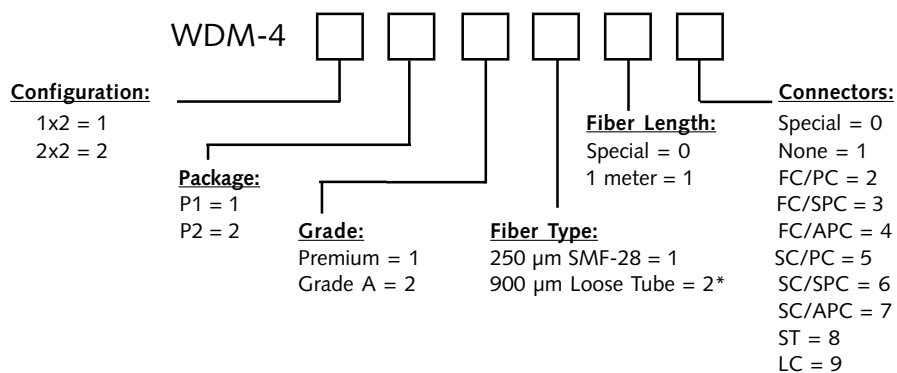
OPLINK 1550/1625nm WDMs are manufactured by using the proven fused biconical taper technology and OPLINK stringent quality procedures. With low insertion loss and flat passband, this device is ideal for combining or separating light signals in the 1550 and 1625 nm bands.

### Performance Specifications

WDM-4 Series 1550/1625	Premium	Grade A
Operating Wavelength (nm)	1550 $\pm$ 5 / 1625 $\pm$ 5	
Insertion Loss (dB) (1550 $\pm$ 5 / 1625 $\pm$ 5 nm)	$\leq$ 0.4	$\leq$ 0.6
Isolation (dB)	$\geq$ 12	$\geq$ 11
Polarization Sensitivity (dB)	$\leq$ 0.13	$\leq$ 0.15
Thermal Sensitivity (dB/ °C)	$\leq$ 0.002	
Directivity (dB)	$\geq$ 55	
Operating Temperature (°C)	-40 to +70	
Storage Temperature (°C)	-40 to +85	
Package Dimension (mm)	P1: 250 $\mu$ m SMF-28 fiber (φ)3.0 x (L) 60	(φ)3.0 x (L) 60
	P2: 900 $\mu$ m loose tube (φ)3.0 x (L) 65	(φ)3.0 x (L) 65

Values are referenced without connector loss.

### Ordering Information



Note: \* P2 package only

### 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