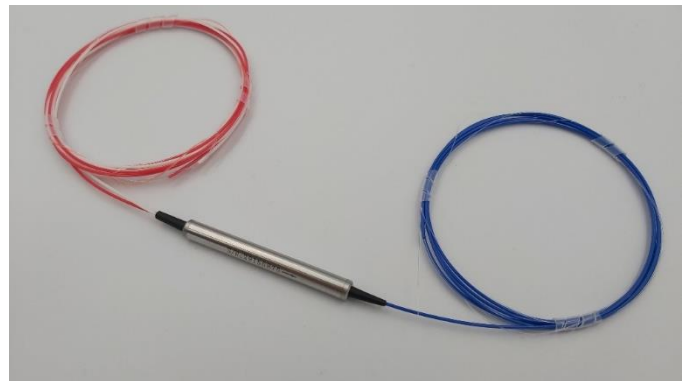


[OECIR-100]

## SM/PM WDM (3 ports or 4 ports)

### Features:

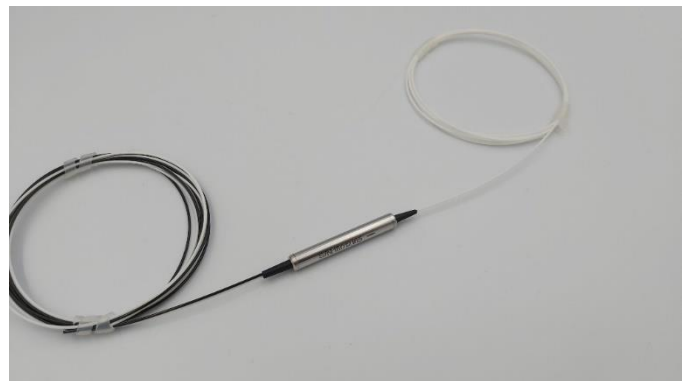
- Fiber pigtailed with protective tubing
- Small and compact design
- SM or PM fibers versions
- Epoxy-free optical path
- Low insertion loss, high isolation, Low Excess Loss
- High stability, long-term reliability
- Low PDL



OECIR-100-SM

### Applications:

- For standard applications
- In research and development
- Optical communication systems
- Laser Positioning
- High Power Fiber Laser



OECIR-100-PM

### Product description:

The WDM produced by O/E Land has low additional loss, high extinction ratio and isolation, high load-carrying power, high stability and reliability, and is very suitable for fiber gyro, polarization-maintaining fiber amplifier and other applications.

### Specifications:

Parameter	Unit	OEWD-100	
Type		SM WDM	PM WDM
Center wavelengths*	nm	980/1030	980/1030
Bandwidth	nm	980±5 1030±5	980±5 1030±5
Insertion loss (pump port)	dB	≤0.4	≤0.5
Insertion loss (signal port)	dB	≤0.4	≤0.7
Isolation	dB	≥14	≥13
Return loss (per port)	dB	≥55	≥55
Extinction ratio	dB	≥17	≥17
Power handling (CW)**	W	<0.3	<0.3
Directivity	dB	≥55	≥55
Fibre type***	-	HI1060FLEX or HI1060	PM980
Fibre length	m	Custom; 1	
Cable jacket size	mm	Bare fiber; 0.9 tubing:2mm loose tube:3mm loose tube	
Connectors	-	None; FC/PC; FC/APC; SC/PC; SC/APC; LC/PC; LC/APC	
Operating temperature	°C	-5 to +70	
Storage temperature	°C	-40 to +85	
Dimensions (LxD) (approx.)	mm	Bare fiber&φ3.0×L54 0.9 tubing&φ3.0×L70 0.9mm/2mm/3mm loose tube&L90×W20×H9.5	

\* Custom center wavelengths also available.

\*\* High power version is also available upon request

\*\*\* Custom fiber type is also available

Specifications can vary depending on the wavelength and fiber type.

4-ports version available upon request.

### Ordering number:

OEWD-100-WL-B-Fiber-Ports-Conn	WL	B	Fiber type	Ports	Connector
	Wavelength (nm)	Bandwidth (nm)	SM: Single-mode PM: Polarization-maintaining	3: 3-ports 4: 4-ports	NC: Non-connectorized FC/PC: FC/PC connector
Example:	OEWD-100-980/1030-5-SM-3-NC				