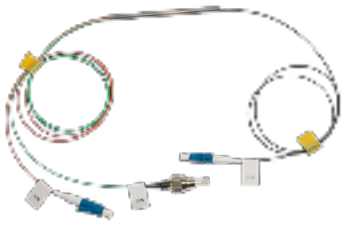
1310-1550nm Fused Wavelength Division Multiplexer WDM

1310/1550nm fused Wavelength Division Multiplexer (WDM) can be used to combine or split 1310nm and 1550nm optical signals, to double the fibre transmission capability and ensure bi-direction communication in a single fibre. It is widely used for fibre communication systems upgrade to expand the system capacity.



Features

- Low insertion loss
- Low PDL
- High isolation
- High stability and reliability

Applications

- WDM systems
- CATV

Specification

PARAMETER	
Operating wavelength (nm)	1310 and 1550
Operating bandwidth (nm)	±15
Grade	Standard
Insertion loss (dB)	≤0.3
Isolation(dB)	≥16
PDL (dB)	≤0.1
Directivity (dB)	≥55
Operating temperature (°C)	-40~+85
Configuration	1×2
Fibre lead length	1 meter, others on request
Dimensions (mm)	250μm bare fibre 900μm loose tube 900μm/2mm/3mm loose tube Φ3.0mm×54mm Φ3.0mm×54mm 90mmx14mmx8.5mm

*The above specification is without connector. **Other specifications can be supplied to customer requirements.