



Key Features

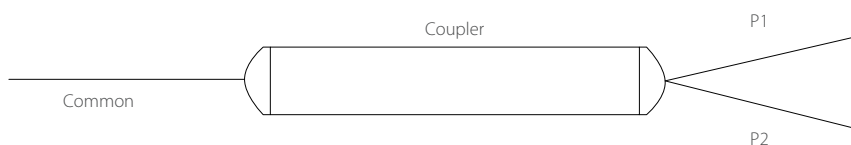
- Low insertion loss
- High isolation
- Compact size
- Excellent environmental and mechanical stability

Applications

- Long-haul uni and bi-directional telecommunication system
- Digital, hybrid and AM-video system
- CATV systems and fiber optic sensor



Dimensions



Unit: mm

Parameter Specifications

Operating Wavelength I1/I2	P1: 980±10nm P2: 1528~1563nm	P1: 1310±15nm P2: 1550±15nm	P1: 1310±15nm P2: 1490±15nm	P1: 1480 ± 5nm P2: 1550 ± 5nm
Insertion Loss@25°C Common - P1	0.3dB	0.3dB	0.3dB	0.4dB
Insertion Loss@25°C Common - P2	0.4dB	0.3dB	0.3dB	0.4dB
Isolation@25°C P1 @ I2	20dB	17dB	17dB	13dB
Isolation@25°C P2 @ I1	18dB	17dB	17dB	13dB
PDL	≤0.10dB	≤0.10dB	≤0.15dB	≤0.15dB
WDL	≤0.10dB	≤0.10dB	≤0.15dB	≤0.15dB
TDL	≤0.20dB	≤0.20dB	≤0.20dB	≤0.20dB
Directivity	≥55dB	≥55dB	≥55dB	≥55dB
Return Loss	≥55dB	≥55dB	≥55dB	≥55dB
Fiber Length	1.00m±0.10m	1.00m±0.10m	1.00m±0.10m	1.00m±0.10m
Fiber Type	Corning HI 980, HI 1060	Corning SMF-28e+	Corning SMF-28e+	Corning SMF-28e+
Fiber Diameter	250µm Bare Fiber um	900µm Loose Tube um	900µm Loose Tube um	2mm or 3mm Jacket um
Package	3x54mm	3x60mm	3x60mm	90x20x9.5mm

Note:
The above parameters do not include a connector,
which is less than 0.2dB for a pair of connector.

Operating Conditions

Maximum Power Handling	500mW
Operating Temperature	-5°C~ +70°C
Storage Temperature	-40°C~ +85°C
Operation Humidity	5% to 95% Relative Humidity

