



### Key Features

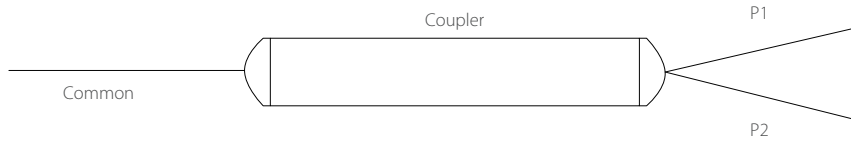
- Low excess loss
- Broad operation band
- Various coupling split ratio
- High stability and reliability
- Offering compact mechanical packages

### Applications

- Long-haul telecommunication
- CATV systems and fiber optic sensor
- Local area network
- FHHT and LAN



## Dimensions



Unit: mm

## Parameter Specifications

Parameter Specifications	Singlemode Single Window		Single Mode Dual Window
	980 or 1310 or 1550nm	1310/1550nm	
Operating Wavelength	±20nm	±40nm	±40nm
Operating Bandwidth	1x2/2x2	1x2/2x2	1x2/2x2
Structure	≤3.35/3.35dB	≤3.40/3.40dB	≤3.60/3.60dB
Insertion Loss 50/50(%)	≤3.85/2.95dB	≤3.85/3.00dB	≤4.20/3.20dB
Insertion Loss 45/55(%)	≤4.40/2.55dB	≤4.40/2.60dB	≤4.70/2.70dB
Insertion Loss 40/60(%)	≤5.00/2.20dB	≤5.00/2.25dB	≤5.70/2.25dB
Insertion Loss 33/67(%)	≤5.70/1.85dB	≤5.70/1.90dB	≤6.00/1.90dB
Insertion Loss 30/70(%)	≤6.55/1.55dB	≤6.65/1.55dB	≤7.00/1.70dB
Insertion Loss 25/75(%)	≤7.55/1.25dB	≤7.60/1.25dB	≤7.90/1.30dB
Insertion Loss 20/80(%)	≤8.55/0.95dB	≤9.05/0.95dB	≤9.50/1.00dB
Insertion Loss 15/85(%)	≤10.80/0.65dB	≤11.00/0.65dB	≤9.20-11.00/0.75dB
Insertion Loss 10/90(%)	≤14.00/0.40dB	≤14.20/0.40dB	≤12.05-14.20/0.40dB
Insertion Loss 5/95(%)	≤16.30/0.30dB	≤16.70/0.30dB	≤14.10-16.70/0.35dB
Insertion Loss 3/97(%)	≤18.00/0.25dB	≤18.50/0.25dB	≤15.75-18.50/0.30dB
Insertion Loss 2/98(%)	≤21.50/0.20dB	≤21.50/0.20dB	≤18.60-21.60/0.25dB
Insertion Loss 1/99(%)		≤0.10dB	
PDL		≥50dB	
Return Loss		≥55dB	
Directivity		1.00m±0.10m	
Fiber Length		Smf-28e+	
Fiber Type		3x45mm	
Package 250µm Bare Fiber		3x54mm	
Package 900µm Loose Tube		90x20x9mm	
Package 2mm or 3mm Jacket			

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

# Coupler/ PLC

## Singlemode Coupler



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### 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



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