



Key Features

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

Applications

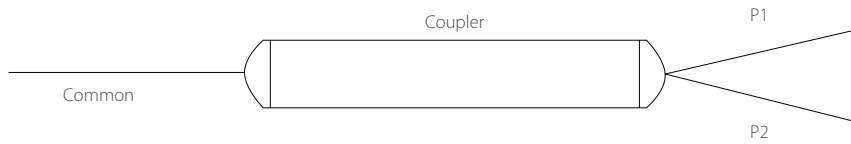
- Long-haul telecommunication
- CATV systems and fiber optic sensor
- Local area network
- FHHT and LAN



Coupler/ PLC

High Power Coupler

Dimensions



Unit: mm

Parameter Specifications

Operating Wavelength	1550nm
Operating Bandwidth	±20nm
Structure	1x2/2x2
Insertion Loss 50/50(%)	≤3.30/3.30dB
Insertion Loss 45/55(%)	≤3.85/2.95dB
Insertion Loss 40/60(%)	≤4.40/2.55dB
Insertion Loss 33/67(%)	≤5.00/2.20dB
Insertion Loss 30/70(%)	≤5.70/1.85dB
Insertion Loss 25/75(%)	≤6.55/1.55dB
Insertion Loss 20/80(%)	≤7.55/1.25dB
Insertion Loss 15/85(%)	≤8.55/0.95dB
Insertion Loss 10/90(%)	≤10.80/0.65dB
Insertion Loss 5/95(%)	≤14.00/0.40dB
Insertion Loss 3/97(%)	≤16.30/0.30dB
Insertion Loss 2/98(%)	≤16.1-18.2dB
Insertion Loss 1/99(%)	≤21.50/0.20dB
PDL	≤0.10dB
Return Loss	≥50dB
Directivity	≥50dB
Fiber Length	1.00m±0.10m
Fiber Type	Smf-28e+
Package 250µm Bare Fber	3x54mm
Package 900µm Loose Tube	3x54mm
Package 2mm or 3mm Jacket	90x20x9mm

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

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A BizLink Group Company

Operating Conditions

Maximum Power Handling	1W ~ 10W
Operating Temperature	-5°C ~ +70°C
Storage Temperature	-40°C ~ +85°C
Operation Humidity	5% to 95% Relative Humidity



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