

# Singlemode Standard Coupler



## FEATURES

- ✓ Low Excess Loss
- ✓ Low PDL
- ✓ High Stability and Reliability

## APPLICATIONS

- CATV Network
- Optical Communication System
- Testing Instruments
- FTTH, Passive Optical Network

## Specifications

Parameters	Grade P	Grade A	
Port	1x2 or 2x2		
Operating Wavelength (nm)	1310 or 1550; Others on Request		
Bandwidth (nm)	± 15		
Insertion Loss (dB)	50/50	<3.4	<3.6
	40/60	<4.4/2.6	<4.7/2.8
	30/70	<5.7/1.9	<6.0/2.0
	20/80	<7.6/1.25	<8.0/1.35
	10/90	<11.0/0.65	<11.5/0.8
	5/95	<14.2/0.40	<14.8/0.5
	2/98	<18.5/0.25	<19.0/0.35
	1/99	<21.5/0.2	<22.0/0.3
PDL (dB)	≤0.1	≤0.25	
Directivity (dB)	≥55		
Fiber Type	SMF-28e Compatible; Others on Request		
Working Temperature (°C)	-40 ~ +85		
Package (mm)	250µm Bare Fiber: Steel Tube, Φ3 × 54 / 45 0.9 mm Loose Tube: Steel Tube, Φ3 × 54 2 mm or 3 mm Cable: ABS Box, 90 × 20 × 10		

Notes: All the data are tested without connectors. Insertion loss of one pair of connector is less than 0.3 dB.

Other specifications can be made on customer request.



## Order Information

	Port	Split Ratio	Grade	Wavelength	Fiber Type	Pigtail	Package	Fiber Length	Connector		
<b>Singlemode Standard Coupler</b>	1 × 2	50/50	P	1310	SMF-28e	250 μm	Φ3 × 54	0.50 ± 0.05 m	None		
	2 × 2	40/60	A	Others on Request					1.00 ± 0.1 m	LC/UPC	
		30/70							2 mm	90×20×10	Custom ...
		20/80							3 mm	Custom ...	SC/UPC
		10/90									SC/APC
		5/95									FC/UPC
		2/98									FC/APC
		1/99									Custom ...

