

Single Mode All Band Coupler

Features:

- * Low excess loss
- * Low PDL
- * High stability and reliability



Applications:

- * CATV
- * Optical communication systems
- * Testing instruments* FTTH, FTTB

Specifications:

Parameter		P Grade	A Grade
Operating bandwidth (nm)		1260~1620	
Typical excess loss (dB)		0.1	0.15
Insertion loss (dB)	50/50	≤3.80	≤4.00
	40/60	≤5.10/3.10	≤5.30/3.30
	30/70	≤6.40/2.30	≤6.70/2.50
	20/80	≤8.30/1.60	≤8.80/1.80
	15/85	≤9.5/1.3	≤10.0/1.60
	10/90	≤11.50/1.05	≤12.20/1.20
	5/95	≤14.60/0.80	≤15.50/0.90
	3/97	≤17.00/0.75	≤17.70/0.85
	2/98	≤18.80/0.70	≤19.50/0.80
1/99	≤22.50/0.65	≤23.50/0.75	
PDL (dB)		≤0.15	≤0.20
Directivity (dB)		≥55	
Operating temperature (°C)		-40 ~ +85	

Package Information:

Configuration	1×2 or 2×2		
Fiber lead length	1 meter, others on request		
Fiber type	250μm bare fiber	900μm loose tube	900μm/2mm/3mm loose tube
Dimensions (φ×L)	φ3.0mm×45mm	φ3.0mm×54mm	90mm×20mm×10mm