



LP Technical Development Ltd

All Band Coupler

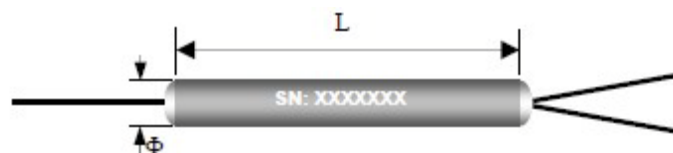
Features	Applications
High Isolation Low Insertion Loss High Reliability	Telecommunications CATV Network FTTH/PON

Specifications

Parameter		Grade P	Grade A
Operating wavelength(nm)		1260~1620	
Operating bandwidth(nm)		1260~1620	
Typical excess loss (dB)		0.07	0.10
Insertion loss	50/50	≤3.8	≤4.0
	40/60	≤5.1/3.1	≤5.3/3.3
	30/70	≤6.4/2.3	≤6.7/2.5
	20/80	≤8.3/1.6	≤8.8/1.8
	10/90	≤11.5/1.05	≤12.2/1.2
	5/95	≤14.6/0.8	≤15.5/0.9
	3/97	≤17.0/0.75	≤17.7/0.85
	2/98	≤18.8/0.7	≤19.5/0.8
	1/99	≤22.5/0.65	≤23.5/0.75
PDL		≤0.15	≤0.2
Directivity		≥55	
Operating temperature		-40 ~ +85	

Package Dimensions

Configuration	1x2 or 2x2		
Fiber length	1m, others on request		
Fiber Type	SMF-28e		
Pigtail type	250μm bare fiber	900μm loose tube	2mm/3mm loose tube
Dimensions(mm)	φ3.0×54	φ3.0×54	98×14×8.5



<http://www.lptechnical.com>



Ordering Information

ABC	Grade	Port	Wavelength	Coupling Ratio	Pigtail	Fiber	Length	Connector	Package
	A=A Grade P=P Grade	1x2 2x2	1260~1620	1/99 2/98 3/97 50/50	0=250um bare fiber 1=900um loose tube 2=2mm loose tube 3=3mm loose tube	0=SMF-28e	0.8m 1m	FC,SC,LC,ST, MU/UPC,APC	3x54 98x14x8.5