



LP Technical Development Ltd

Single Mode Standard Coupler

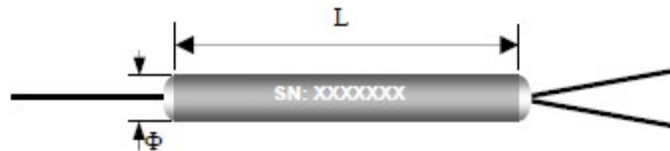
Features	Applications
High Isolation Low Insertion Loss High Reliability	Telecommunications CATV Network FTTH/PON

Specifications

Parameter		Grade P	Grade A
Operating wavelength(nm)		1310 or 1550 or others	
Operating bandwidth(nm)		±15	
Typical excess loss (dB)		0.07	0.10
Insertion loss	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	≤14.2/0.4	≤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		≤0.1	≤0.15
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	900μm/2mm/3mm loose tube
Dimensions(mm)	φ3.0×54 or φ3.0×40	φ3.0×54	98×14×8.5



<http://www.lptechnical.com>



Ordering Information

SSC	Grade	Port	Wavelength	Coupling Ratio	Pigtail	Fiber	Length	Connector	Package
	A=A Grade	1x2	1550	1/99	0=250um bare	0=SMF-2	0.8m	FC,SC,LC,ST	3x40
	P=P Grade	2x2	1310	2/98	fiber	8e	1m	,MU/UPC,AP	3x54
				3/97	1=900um loose			C	98x14x8.5
					tube				
				50/50	2=2mm loose				
					tube				
					3=3mm loose				
					tube				