



LP Technical Development Ltd

Multi-Mode Fiber Coupler

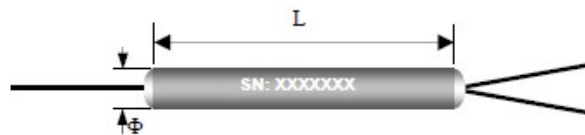
Features	Applications
Low excess loss & Low IL High stability and reliability	Multi-mode fiber communication systems Testing instrument Optical fiber sensors

Specifications

Parameter		Grade P	Grade A
Operating wavelength(nm)		633 or 850 or 1310, 850/1310	
Operating bandwidth(nm)		±40	
Typical excess loss (dB)		0.4	0.7
Insertion loss	50/50	≤3.7/3.7	≤4.0/4.0
	40/60	≤4.7/2.7	≤5.0/3.0
	30/70	≤6.0/2.1	≤6.3/2.4
	20/80	≤7.8/1.4	≤8.1/1.7
	10/90	≤11.2/0.9	≤11.6/1.2
	5/95	≤14.5/0.7	≤15.0/1.0
	2/98	≤18.6/0.6	≤19.5/1.0
	1/99	≤22.1/0.6	≤22.8/0.8
Uniformity (50/50) (dB)		≤0.5	≤0.8
Directivity		≥40	
Operating temperature		-40 ~ +85	

Package Dimensions

Configuration	1x2 or 2x2	
Fiber length	1m, others on request	
Fiber Type	50/125, 62.5/125, 105/125, 200/220um,	
Pigtail type	250μm bare fiber, 900μm loose tube	900μm/2mm/3mm loose tube
Dimensions(mm)	φ3.0×54	90×14×8.5mm



<http://www.lptechnical.com>



Ordering Information

MMC	Grade	Port	Wavelength	Coupling Ratio	Pigtail	Fiber	Length	Connector	Package	Light source
MMC	A=A Grade P=P Grade	1x2 2x2	633 850 1310 850/13 10	1/99 2/98 3/97 50/50	0=m bare fiber 1=900um loose tube 2=mm loose tube 3=3mm loose tube	2=50/1 25 3=62.5 /12.5 X=105 /125	0.8m 1m	FC,SC,LC, ST,MU/UP C,APC	3.0×54; 90×14×8.5	L=LED V=VSCE L