

1x3, 2x3, 3x3 Multi-Mode Broadband Fused Coupler / Splitter / Mixer

Features

Low Excess Loss
High Power Handling
Compact Size
Telcordia GR-1221 Compliant

Applications

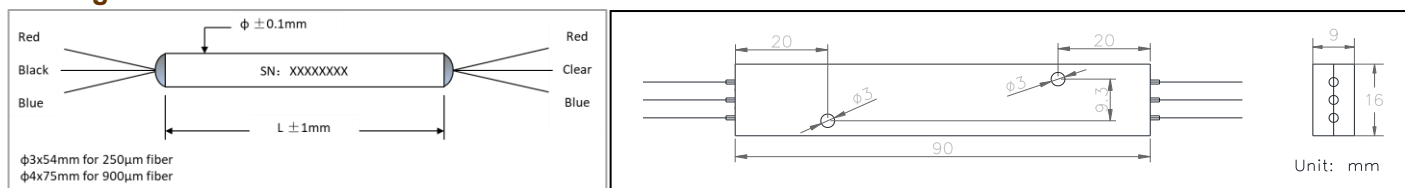
Optical Communication System
LAN
FDDI
Access Network

Specifications

Parameters	Unit	1x3			2x3, 3x3		
Fiber Type		50/125μm	62.5/125μm	105/125μm	50/125μm	62.5/125μm	105/125μm
Operating Wavelength	nm	635, 850, 1310					
Operating Bandwidth	nm	±220					
Insertion Loss	dB	≤8.8	≤7.8	≤6.6	≤9.6	≤8.6	≤7.4
Excess Loss	dB	≤1.2	≤1.3	≤1.3	≤1.5	≤1.6	≤1.6
Uniformity	dB	≤2.2	≤2.4	≤2.4	≤2.7	≤2.9	≤2.9
Return Loss	dB	≥30					
Directivity	dB	≥40					
Power Handling	W	≤5					
Operating Temperature	℃	-40 ~ +85					
Storage Temperature	℃	-40 ~ +85					
Fiber Length	m	1m, others on request					
Pigtail Type		250μm Bare Fiber		900μm Loose Tube		900μm/2mm/3mm Loose Tube	
Dimensions(mm)	mm	φ3x54		φ4x75		90×16x9	

*For devices with connectors, IL+0.3dB, RL-5dB.

Package Size



Ordering Information

CP- ①-②-③③③-④④④④-⑤⑤⑤⑤⑤-⑥⑥⑥⑥-⑦-⑧-⑨⑨-⑩⑩⑩⑩⑩

①	Type	M=Multi-mode;
②	Grade	P=Grade P;
③	Port Type	1x3; 2x3; 3x3;
④	Wavelength	635; 850; 1310;
⑤	Coupling Ratio	EVEN;
⑥	Pigtail Type	250=250μm Bare Fiber; 900=900μm Loose Tube; 2000=2mm Jacket; 3000=3mm Jacket;
⑦	Fiber Type	2=MMF50/125; 3=MMF62.5/125; 10=MMF105/125;
⑧	Length	1=1m;
⑨	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC;
⑩	Package	3x54; 4x75; 90x16x9;