

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

## Features

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

## Applications

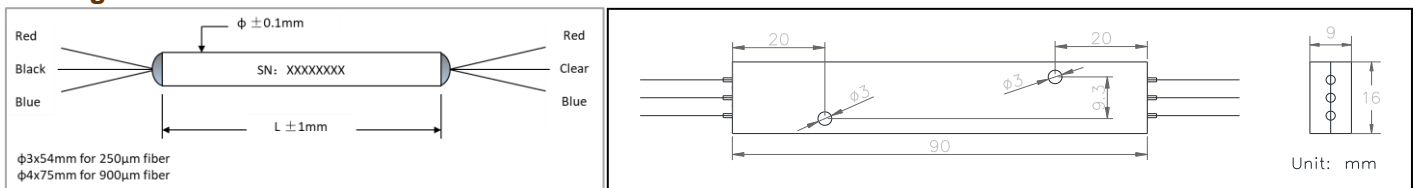
- Optical Communication System
- LAN
- FDDI
- Access Network

## Specifications

Parameters	Unit	1x3			3x3		
		50/125 $\mu$ m	62.5/125 $\mu$ m	105/125 $\mu$ m	50/125 $\mu$ m	62.5/125 $\mu$ m	105/125 $\mu$ m
Fiber Type		50/125 $\mu$ m	62.5/125 $\mu$ m	105/125 $\mu$ m	50/125 $\mu$ m	62.5/125 $\mu$ m	105/125 $\mu$ m
Operating Wavelength	nm	635, 850, 1310					
Operating Bandwidth	nm	$\pm 220$					
Insertion Loss	dB	$\leq 8.8$	$\leq 7.8$	$\leq 6.6$	$\leq 9.6$	$\leq 8.6$	$\leq 7.4$
Excess Loss	dB	$\leq 1.2$	$\leq 1.3$	$\leq 1.3$	$\leq 1.5$	$\leq 1.6$	$\leq 1.6$
Uniformity	dB	$\leq 2.2$	$\leq 2.4$	$\leq 2.4$	$\leq 2.7$	$\leq 2.9$	$\leq 2.9$
Return Loss	dB	$\geq 30$					
Directivity	dB	$\geq 40$					
Power Handling	W	$\leq 5$					
Operating Temperature	$^{\circ}$ C	-40 ~ +85					
Storage Temperature	$^{\circ}$ C	-40 ~ +85					
Fiber Length	m	1m, others on request					
Pigtail Type		250 $\mu$ m Bare Fiber		900 $\mu$ m Loose Tube		900 $\mu$ m/2mm/3mm Loose Tube	
Dimensions(mm)	mm	$\phi 3 \times 54$		$\phi 4.0 \times 75$		90 $\times$ 16 $\times$ 9	

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

## Package Size



## Ordering Information

CP- ①-②-③③③-④④④④-⑤⑤⑤⑤⑤-⑥⑥⑥-⑦-⑧-⑨⑨-⑩⑩⑩⑩⑩

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=250 $\mu$ m Bare Fiber; 900=900 $\mu$ m 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;