

## 1X2 (2x2) Multi-Mode Couplers

### Description

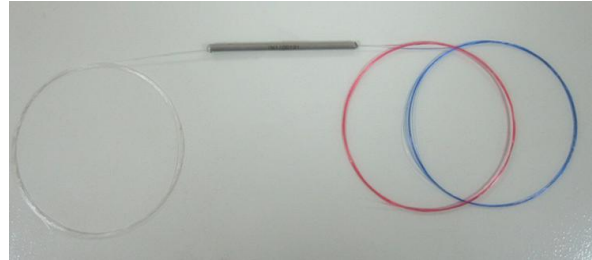
1x2 (2x2) multimode fiber coupler uses a unique pretreatment and drawn from fused taper technology , Which can be used for power distribution in multimode fiber systems, with operating bandwidth, high stability, and low additional losses; widely used in multimode fiber communication system

### Features

Small Mode Influence  
Wide Passband  
High Reliability

### Applications

Multimode Communication Systems  
Fiber Sensor Systems  
Instruments

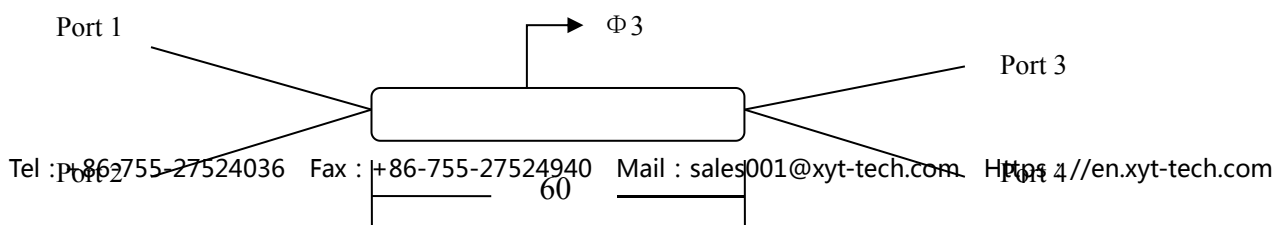


### Specification

Parameters		Unit	P	A
Wavelength		nm	850& 1310	
Insertion loss	50/50	dB	$\leq 3.7/3.7$	$\leq 4.0/4.0$
	60/40		$\leq 2.9/4.8$	$\leq 3.2/5.1$
	70/30		$\leq 2.1/6.2$	$\leq 2.4/6.5$
	80/20		$\leq 1.6/8.2$	$\leq 1.9/8.5$
	90/10		$\leq 1.1/11.8$	$\leq 1.5/12.4$
Directivity		dB	$\geq 40$	
Fiber Type		/	50/125 or 62.5/125 Multimode fiber or on customer requested	
Working Temperature		°C	-40 ~ +85	
Storage Temperature		°C	-40 ~ +85	
Package	mm	Bare Fiber:	Ø3X54	
		0.9mm loose tube	Ø3X60	
		2mm or 3mm cable	100X80X10	

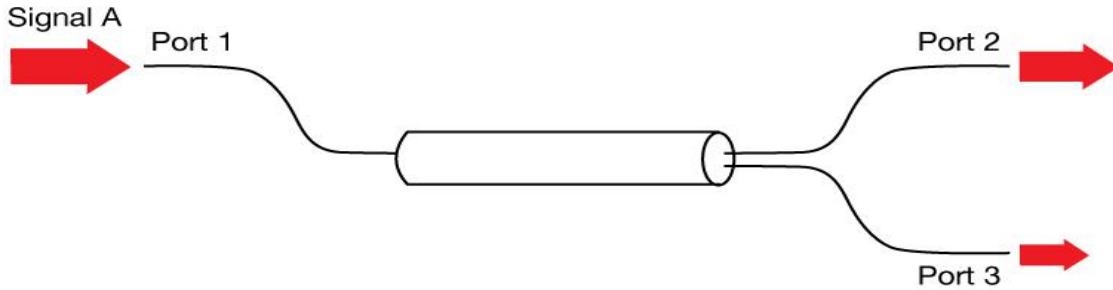
Note: 1. The above specifications are without connector

### Packing information

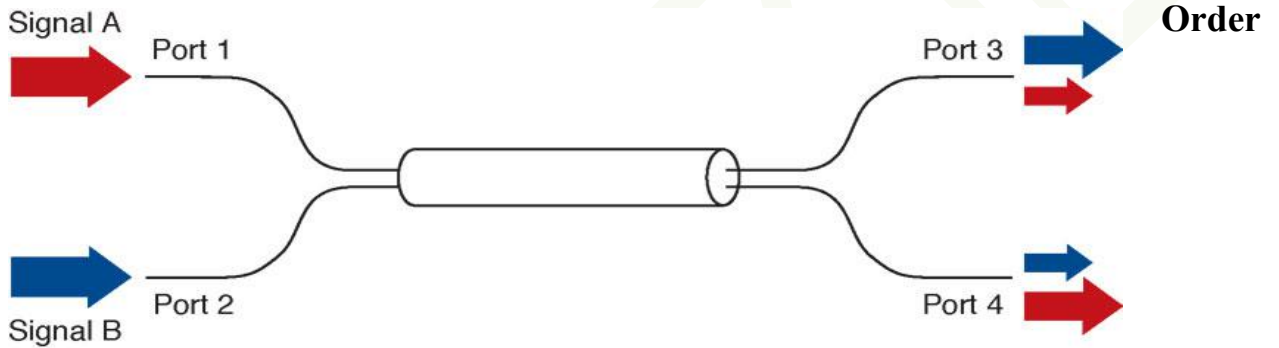


### Applications configuration diagram

#### 1X2 Type



#### 2X2



### Information (MM-CUP-13-1-P-50-0-05-0)

Product	Wavelength	Structure	Grade	Coupling Ratio	Pigtial Type	Fibe Length	connector
1X2 multimode coupler	13=1310	1=1X2	P	50=50:50	0=bare fiber	05=0.5m	0=none
	15=1550	2=2X2	A	30=30:70	1=loose tube	10=1.0m	1=FC/PC
	85=850			10=10: 90	2=2mm cable 3=3mm cable	15=1.5m	2=FC/APC 3=SC/PC 4=SC/APC 5=LC 6=others