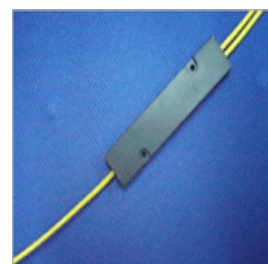


# 1x2, 2x2 MM Coupler

**TUOLIMA**

## Description

1x2,2x2 MM coupler is a broadband split/combine device from 800nm to 1600nm. They offer a reliable solution to split/combine signals. Available in single and dual wavelength windows.



- ◆ Low excess loss.
- ◆ High directivity.
- ◆ All-optical structure.
- ◆ Stainless steel sleeve and plastic box.

## Performance

Item	Unit	Specification	
Working Wavelength	nm	800 ~ 1600	
Splitting Ratio	nm	1:99 ~ 50:50	
Typical Excess Loss	nm	≤0.60 (860nm)	≤0.30 (1310nm)
Max. Insertion Loss	nm	≤4.1	≤3.6
Uniformity	dB	0.5	
Directivity	dB	>45	
Operation Temperature	°C	-40 ~ +70	
Storage Temperature	°C	-40 ~ +85	

## General

- ◆ Connectors : FC/APC or SC/APC, others for client specify
- ◆ Operating Temperature : -40 ~ +70 °C
- ◆ Storage Temperature : -40 ~ +85 °C
- ◆ Dimension: Φ3(Dia.)\*50(L) mm stainless steel sleeve  
90 (W)\*20 (L)\*9 (H) mm plastic box

## Application

- ◆ FTTH, LAN, PON & Optical CATV
- ◆ Local ring net
- ◆ Optical fiber communication system
- ◆ Optical fiber test equipment
- ◆ Optical fiber sensor