

# 1x2 Multimode Fiber Optic Splitter



1x2 Graded-Index (GRIN) Multimode Fiber Optic Couplers, Ø50 µm Core and Ø62.5 µm Core

- Free 1\*2 Multimode Fiber Optic Splitter Sample
- 850nm or 1310nm or Both wavelengths
- SC FC LC ST or other Customized Connectors
- Low Insertion Loss & High Return Loss
- Plastic Module Package for Safe Protection
- Different Fiber Cable Diameters Supplied

### Characteristics

Different combinations of coupling ratio  
 Low crosstalk & excess loss  
 High optical return loss  
 Available in dual/three wavelength operation  
 Optional connectors termination upon request  
 Available in 250um & 900um fiber, 2mm or 3mm

### Application

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

### DESIGN & MATERIALS

Input & Output	1 to 2 Multimode Fiber Optic Splitter
Fiber Type	9/125 SMF-28 or customer specified
Operating Wavelength (nm)	850/1310nm
Coupling Ration (%)	1-50%
Bandwidth (nm)	20nm
Typical Insertion loss (dB)	≤ 3.2
Polarization Dependent Loss (dB)	≤ 0.1
Homogeneity (dB)	≤ 0.9
Directivity (dBm)	≥ 60
Uniformity (dB)	0.5
Typical dependent loss (dB)	≤ 0.15
Temperature Stability (dB/°C)	≤ 0.002
Operating Temperature (°C)	-40 ~ 70
Storage Temperature (°C)	-40 ~ 85
Fiber Cable	bare fiber, loose tube fiber, 2mm ABS fiber
Fiber Connector	SC FC LC ST
Trademark	Teleweaver or Customized
Lead Time	5 days for 100pcs, 10 days for 800pcs
MOQ	20pcs