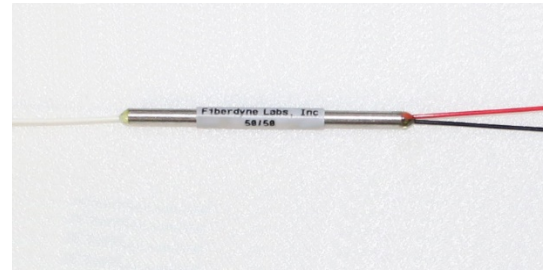


Introduction:

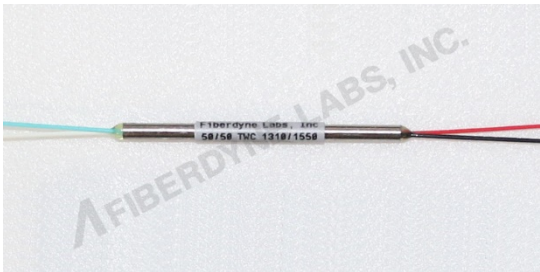
With the advent of gigabit networks, multimode fiber (MMF) links are using laser transmitters. These transmitters do not fill the mode-structure of MMF like LEDs. Therefore, traditional FBT (fused biconic taper), multimode couplers and splitters do not function correctly. Fiberdynes Laser multimode splitters function correctly with the restricted mode structure of laser transmitters (e.g. VCSELs, vertical cavity surface emitting lasers), which are typically used in 1Gb and 10Gb multimode data links. Now you can add monitoring to your high-speed multi- mode links using Fiberdyne laser-optimized multimode splitter/coupler.



1x2 250um Light Duty Splitter Coupler



1x2 900um Medium Duty Splitter Coupler



2x2 900um Medium Duty Splitter Coupler



1x2 3mm Heavy Duty Coupler

Features:

- Multimode for 850-nm Laser links (e.g.1000Base-SX)
- Fiber Pigtails are available
- Medium Duty (900 Micron) or Heavy Duty (3 mm Jacket)
- Packaged Couplers are also available in modules.

Ordering Information:

F	L	M	-	X	X	X	-	X	X	X	-	X	X	X
				4	5	6		7	8	9		10	11	12
FLM - Fiberdyne Labs Laser Multimode Couplers														

4th. Digit	Center Wavelength	1 = 850nm
5th. Digit	Ports	1 = 1x2 2 = 2x2
6th. Digit	Package	1 = Medium Duty-- 0.13" x 2.2" 2 = Heavy Duty-- 4" x 0.06" x 0.3" Y = Y Cable (1x2, 3mm 1 Meter overall)
7th. Digit	Grade	1 = Premium
8th. & 9th. Digit	Coupling Ratio	50 = 50/50 60 = 60/40 67 = 67/33 70 = 70/30 80 = 80/20 90 = 90/10
10th. Digit	Fiber Type	0 = 50/125 (Using OM3 fiber) 1 = 62.5/125
11th. Digit	Connectors	0 = None 1 = FC 3 = SC 5 = ST 7 = LC 8 = Other (Specify) e.g. SC Input to FC Output
12th. Digit	Overall Length	1 = 1 Meter 2 = 2 Meters

Multimode Coupler Modules Maximum Insertion Loss (Even Splits)

Number of Ports	Maximum Insertion Loss (dB)* Per Output Port
1x2	4.1
1x3	7.1
1x4	8.3
1x8	11
2x2x	4.1
**Operating Temperature: -20C to +75C Directivity: >40dB	
*Insertion Loss values do not include connector loss	