

1X2 and 2X2 MULTIMODE COUPLERS

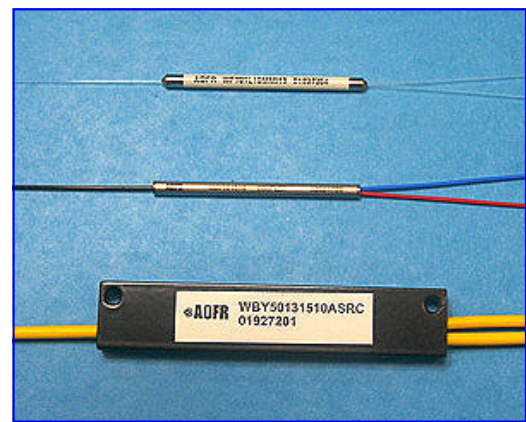
AOFR's fused biconic taper coupler technology and advanced production techniques enable consistent high-performance couplers. AOFR's multimode couplers offer superior optical performance in combining or dividing optical signals in broadband 800nm to 1600nm applications with no water absorption peak at 1383nm. These components are suitable for applications in LAN, test equipment, and optical systems. All AOFR couplers conform to stringent environmental and mechanical standards to give high reliability for field applications.

FEATURES

- All fiber construction – stable environmental performance
- Broadband operation – 800nm to 1600nm
- No water absorption peak at 1383nm
- Different fiber sizes – 50/125µm and 62.5/125µm
- Designed for a variety of user applications
- A variety of packaging and pigtail options available
- Factory connectorization available

APPLICATIONS

- Optical Monitoring
- Local area networks (LAN's)
- Fiber optic test equipment
- Fiber communications systems
- Fiber optic sensing



SPECIFICATIONS

Coupling ratio	50/50±5%	10/90±5%
Bandpass	800-1600nm	
Typical Excess Loss	<0.5dB	
Return Loss/Directivity	>40dB	
Operating temperature	-40°C to 85°C	
Fiber Type	50/125µm or 62.5/125µm	

Note: Multimode couplers are measured with an equilibrium mode fill.

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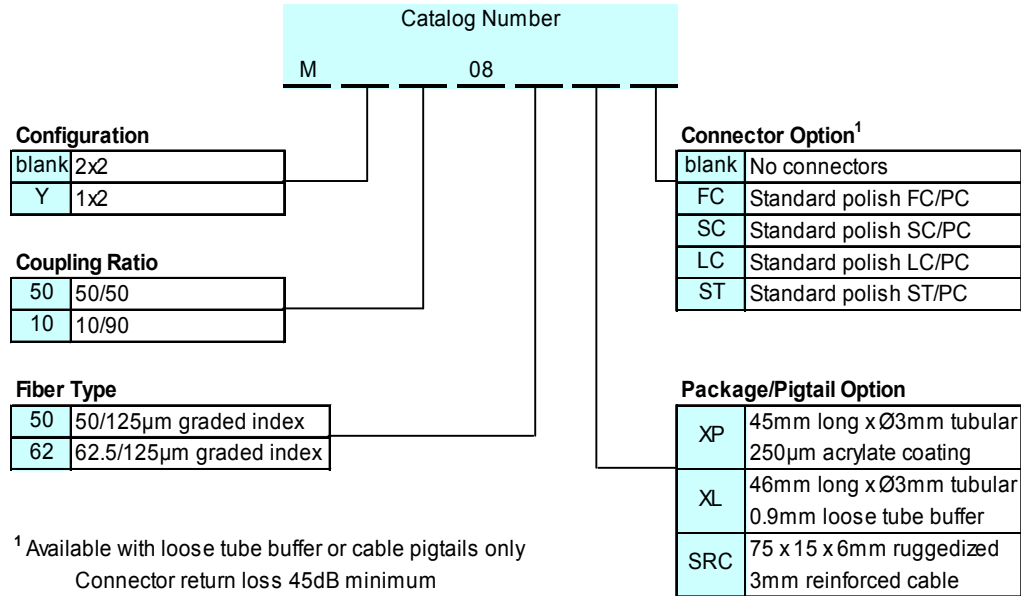
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ORDERING INFORMATION



PACKAGE OUTLINES

