

1X2 and 2X2 AnyMode™ MULTIMODE COUPLERS & TAPS

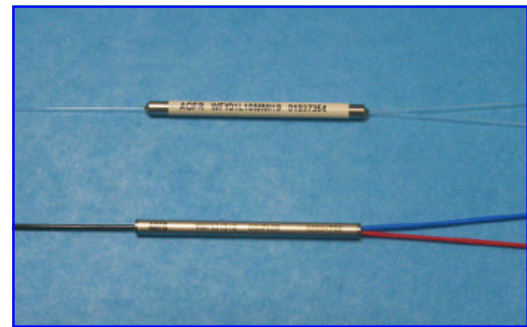
AOFR's fused biconic taper coupler technology and advanced production techniques enable consistent high-performance couplers. AOFR's AnyMode™ tap couplers give stable coupling ratio performance in splitting and tapping optical signals in broadband 800nm to 1600nm multimode applications with no water absorption peak at 1383nm. These components are designed specifically for multimode applications such as LAN, test equipment, and optical systems where VCSEL or LED sources are used. 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
- Optimized for use with VCSEL and LED sources

APPLICATIONS

- Non intrusive monitoring in Local Area Networks (LAN's)
- Fiber optic test equipment
- Fiber communications systems
- Fiber optic sensing



SPECIFICATIONS

Bandpass	800 - 1600nm					
Coupling Ratio (%)	5/95	10/90	20/80	30/70	40/60	50/50
Maximum Insertion Loss (dB)	17.5/0.9	12.0/1.1	8.2/1.6	6.2/2.2	5.1/3.1	4.0/4.0
Coupling Ratio Variation	±3%				±5%	
Maximum Excess Loss	0.5dB					
Return Loss/Directivity	>40dB					
Operating Temperature	-40°C to 85°C					
Fiber Type	50/125µm or 62.5/125µm					

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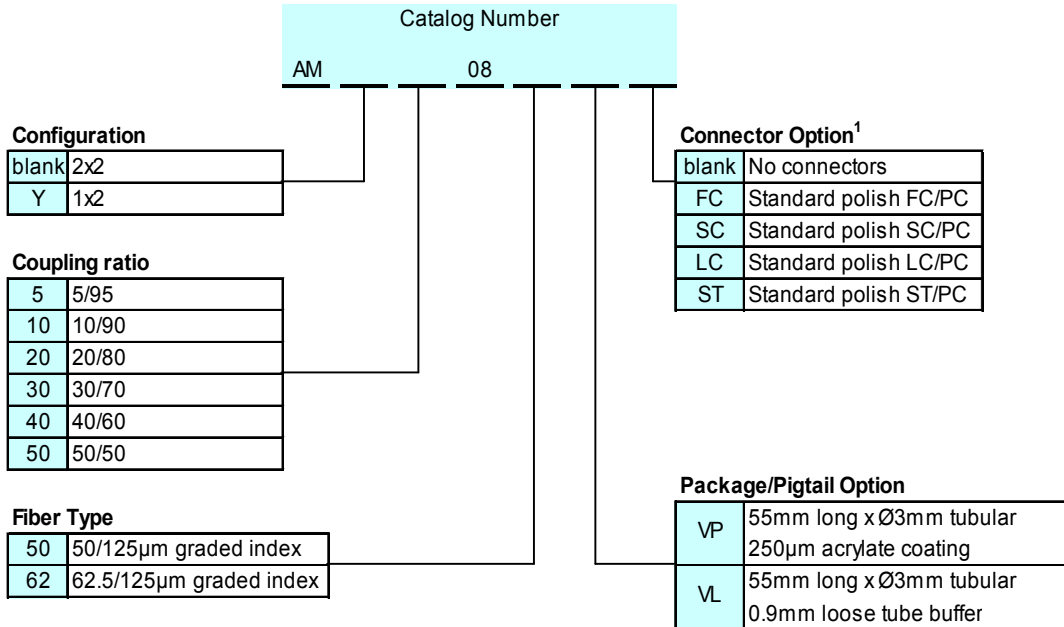
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ORDERING INFORMATION



¹ Available with loose tube buffer pigtailed only
Connector return loss 45dB minimum

PACKAGE OUTLINES

