

1X2 and 2X2 AnyMode™ MULTIMODE COUPLERS & TAPS

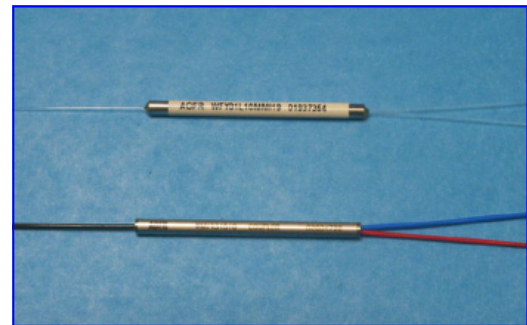
AOFR's fused biconic taper coupler technology and advanced production techniques enable consistent high-performance couplers. AOFR's AnyMode™ tap couplers give stable coupling ratio performance in splitting and tapping optical signals in broadband 800nm to 1600nm multimode applications with no water 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					

AOFR Pty Limited

2 Faulding Street
Symonston ACT
Australia 2609
PO Box 7125
Canberra Business Centre ACT, 2610
Ph:+61 2 6206 2222
Fax: +61 2 6280 6393

Sales Contacts:

North & South America - email: sales@aofr.com

Europe & Middle East - email: sales@aofr.com

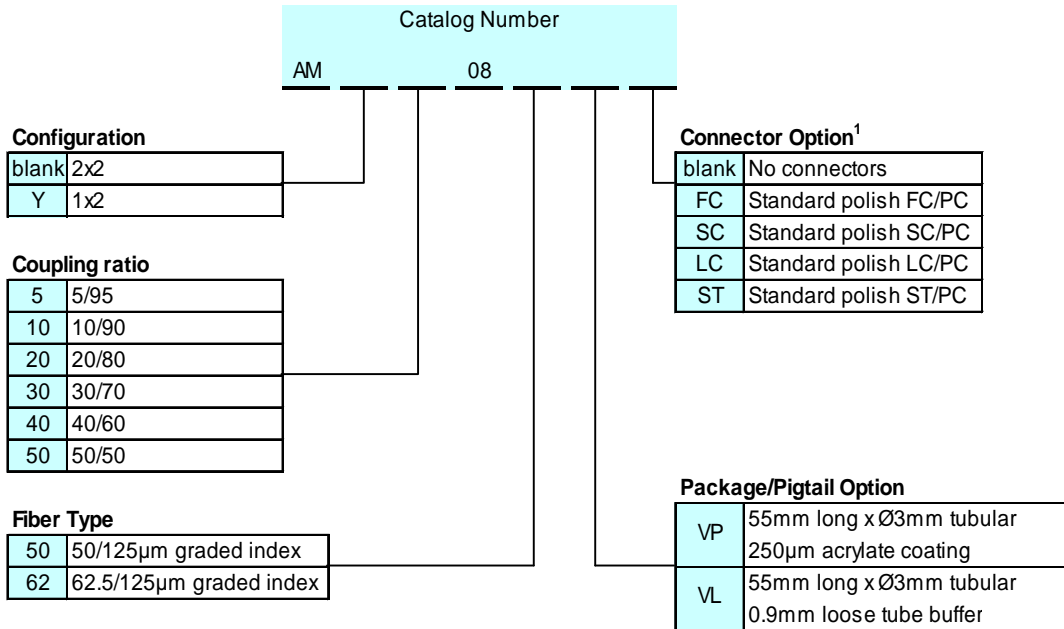
Japan - Nissho Electronics Corp. - Ph:+81 3 3544 8211, Fax: +81 3 3544 8280. email:o-devices@nissho-ele.co.jp

China - ComStar Communications Ltd.- Ph: +85-2-2536-9737, Fax: +85-2-2536-9978, email: hongkong@comstarcom.com

Australia/New Zealand - CoverTel - Ph: +61 (0)3 932 83699, Fax: +61 (0)3 932 82644, email: cliff_lever@covertel.com.au

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ORDERING INFORMATION



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

PACKAGE OUTLINES

