

SINGLE WINDOW (Wavelength Flattened) and DUAL WINDOW (Broadband) COUPLERS

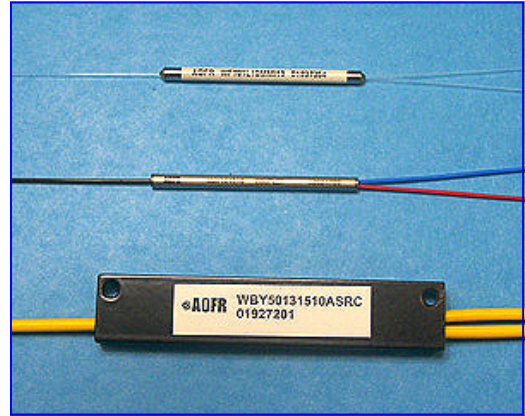
AOFR's fused biconic taper coupler technology and advanced production techniques make for consistent high-performance couplers that are designed for the end users' specific applications. AOFR's unique manufacturing process allows true wideband operation with no water absorption peak at 1383nm. A variety of standard coupler packages, as well as pigtail options and connectorization are available, if required. Non-standard devices can be supplied upon request. All AOFR couplers conform to stringent environmental and mechanical standards to give high reliability for a variety of field applications.

FEATURES

- Completely passive
- Low loss
- Proven high reliability
- Low PDL
- No water absorption peak at 1383nm

APPLICATIONS

- Active monitoring
- CATV networks
- Fiber-in-the-loop
- Fiber optic test equipment and sensing



SPECIFICATIONS

Configuration	1x2 or 2x2	
Operating Wavelength	Wideband 1260-1580nm	Wavelength Flattened 1260-1360nm or 1430-1580nm
Coupling Ratio (%)	Maximum Insertion Loss (dB) Primary/Secondary	Maximum Insertion Loss (dB) Primary/Secondary
50/50	3.7/3.7	3.5/3.5
45/55	3.2/4.1	3.0/4.0
40/60	2.7/4.7	2.6/4.5
35/65	2.3/5.3	2.2/5.1
33/67	2.2/5.5	2.1/5.4
30/70	2.0/6.0	1.9/5.8
25/75	1.6/6.8	1.6/6.6
20/80	1.3/7.8	1.3/7.6
15/85	1.0/9.2	1.0/9.0
10/90	0.8/11.2	0.7/10.9
5/95	0.5/14.4	0.5/14.2
Return Loss/Directivity	>55dB	
Operating Temperature	-40°C to 85°C	
Fiber type	Corning SMF28e Photonic (200kpsi)	

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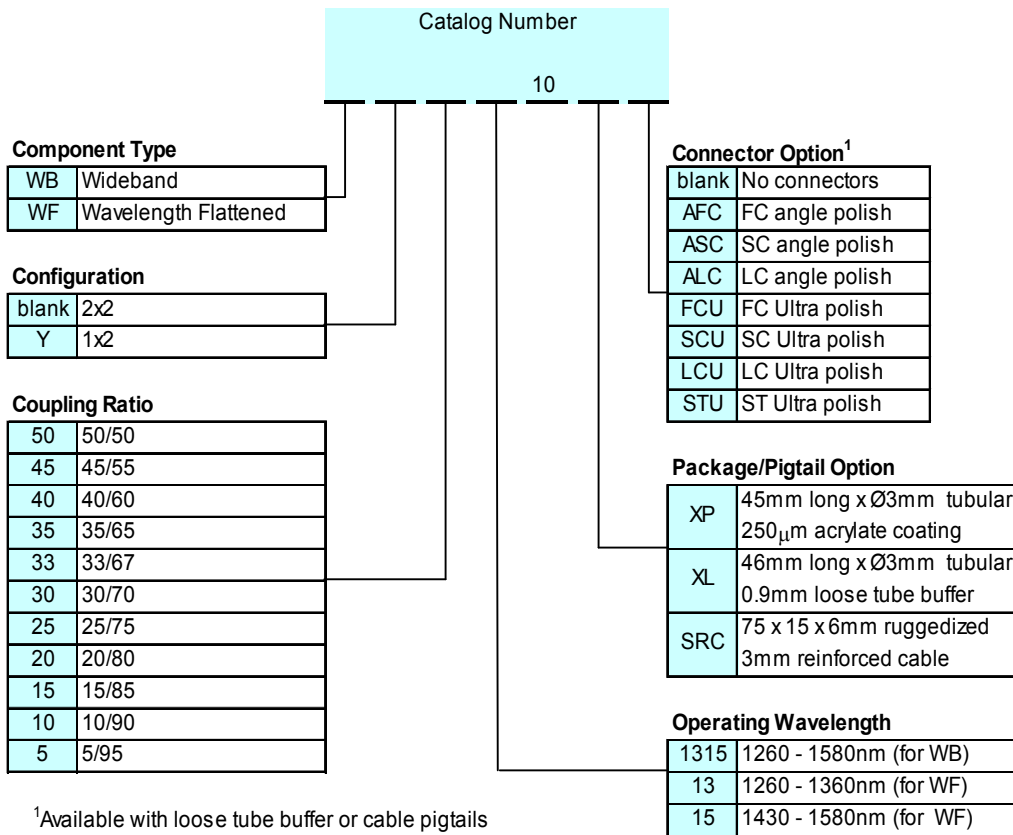
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ORDERING INFORMATION



PACKAGE OUTLINES

