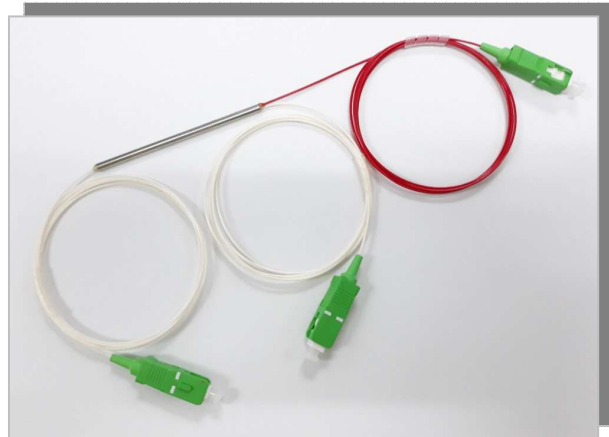


Features:

- Low Insertion Loss
- High Isolation
- High Directivity
- Low PDL
- Bi-directional
- Epoxy-Free Optical Path
- Exceptionally Stable and Reliable
- Telcordia GR-1221 Compliant

Application:

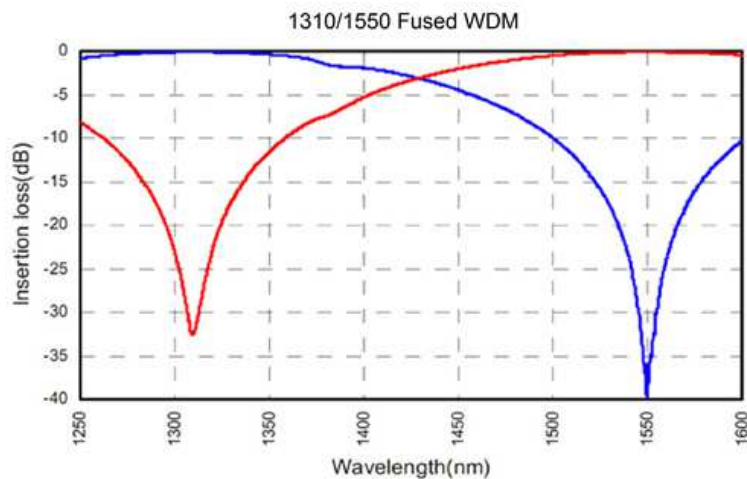
- Telecommunications
- Local Area Network
- CATV
- Metro Network
- Subscriber Loop



Description:

Go!Foton's Fused WDM couplers are designed for multiplexing and demultiplexing two wavelengths. These versatile, mux and demux products are based on Go!Foton Fused Biconical Taper Fiber Technology. This proven technology produces highly quality 3-port devices with low PDL, low insertion loss and stable environment performance.

Wavelength Spectrum:



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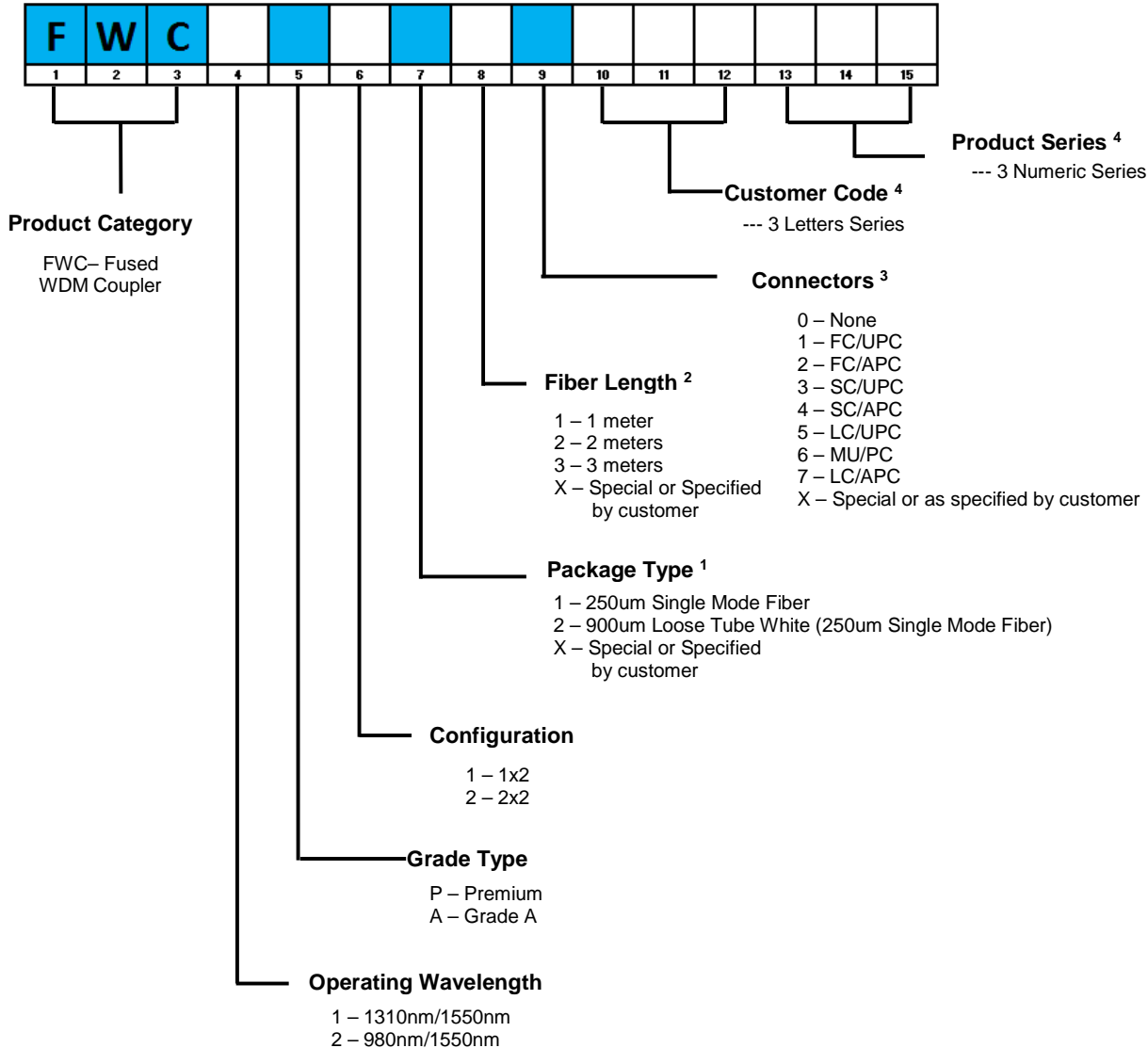
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Specifications:

Parameter		Unit	Premium			Grade A			Premium	Grade A
Center Wavelength		nm	1310/1550						980/1550	
Bandwidth		nm	±20	±15	±10	±20	±15	±10	980±10/1550±15	
Insertion Loss ¹	Max	dB	0.5	0.3	0.25	0.6	0.4	0.3	0.2	0.3
Isolation	Min	dB	16	17	20	15	16	17	16	15
Polarization Dependent Loss	Max	dB	0.10			0.15			0.20	0.25
Temperature Dependent Loss	Max	dB	0.15			0.20			0.20	0.25
Directivity	Min	dB	55						55	
Return Loss	Min	dB	50						50	
Power Handling Capacity	Max	mW	500						500	
Storage Temperature		°C	-40 to 85						-40 to 85	
Fiber Type			Corning SMF 28e or equivalent						OFS BF05635 Fiber	
Package Dimension		mm	φ3.0x54 for 250um Bare Fiber							
			φ3.0x65 for 900um Loose Tube							

Notes: 1. Values are reference without connectors.

Ordering Information:



Notes:

1. See Package Dimension in Table above specification for Package Standard.
2. The mechanical fiber length tolerance is ± 0.1 meters.
3. All ports are with connector of same type.
4. Only applicable for products which is not cover by standard specifications.

Example: FWC1P222

Fused WDM Coupler, 1310/1550nm, Premium Grade, 1x2 configuration with 900um Loose Tube, 2 meters with FC/APC all ports

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