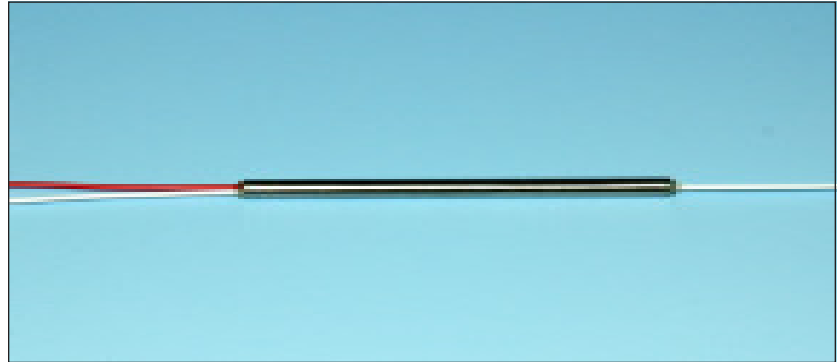


Dual Window Fused Tap Coupler

Applications:

Fiber Distribution
Signal Monitoring
Power Splitting



Features:

Low Insertion Loss

Low PDL

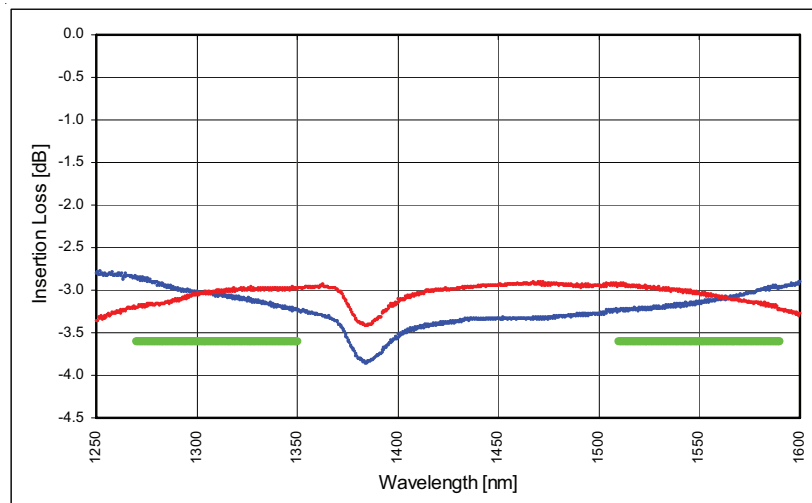
Wide Operating Temperature Range

Telcordia GR-1221 Compliant

Description:

Go!Foton's Dual Window Fused Coupler (FFCT-D) can be used to split light from one fiber to two fibers or to combine light from two fibers to one and provide high performance across a broad wavelength. These devices are ideal for CATV systems and telecommunications, and provide low insertion loss with high reliability.

Wavelength Spectrum:



Specifications:

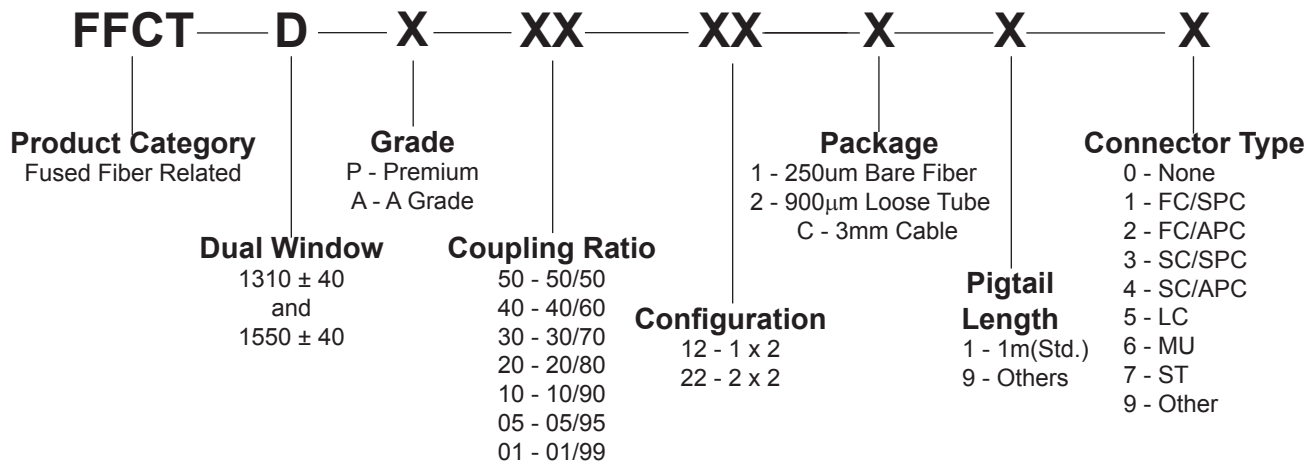
Grade	Premium	Grade A
Wavelength (nm)	1310 ± 40 and 1550 ± 40	
Insertion Loss Tap Ratio (dB) Max		
50/50	3.6	3.9
40/60	4.7/2.7	5.0/2.9
30/70	6.0/1.9	6.4/2.1
20/80	7.9/1.2	8.3/1.4
10/90	11.3/0.6	12.7/0.8
5/95	14.6/0.4	15.9/0.5
1/99	23.5/0.3	24.0/0.4
Uniformity ¹ (dB)	Min	
	0.8	1.0
Polarization Dependent Loss ¹ (dB)	Max	
	0.15	0.15
Directivity (dB)	Min	55
Maximum Power Handling (mw)	500	
Operating Temperature (°C) ²	-40 to 85	
Storage Temperature (°C)	-40 to 85	
Fiber Type	SMF-28e or Equivalent	
Package Dimension (mm)	250µm Bare Fiber: (Φ)3.0 x (L) 45	
	900µm Loose Tube: (Φ)3.0 x (L) 65	
	3mm Cable: (L)80 x (W)12 x (H)7	

All specifications are without fiber connectors.

¹ For 50/50 Tap only

² -10°C to 70°C for Loose Tube and 3mm cable

Ordering Information:



Example: FFCT - D - P - 50 - 12 - 1 - 1 - 3

Fused Fiber Coupler, Dual Window, Premium Grade, with 50/50 Coupling Ratio, 1 x 2 Configuration, SMF-28e 250µm Bare Fiber, 1m with SC/SPC Connector on all port

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