

## FTC Tap Series – Bare Fiber Tap Couplers

### Features

2.5 Meter 250 Micron Pigtail  
 Easily Fits in Most Splice Trays  
 Dual Operating Windows

- 1260-1360nm
- 1460-1625nm

I-Temp: -40 ~ 85 °C  
 Low Insertion Loss  
 SMF-28 Ultra Fiber  
 Low Cost and Flexible

### Applications

FTTX Tap Architecture  
 Telco and MSO Networks  
 Passive Optical Networking  
 Optical Network Monitoring

### Overview

The FTC Tap Series are Dual Window Fiber Tap Couplers designed to integrate into Pedestal and Enclosure environments for Telco and MSO Networks. FTC's feature high quality, low insertion loss and high reliability. The small tube form factor is ideal for Fiber Optic Splice Closure deployments. FTC's support both 1310nm and 1550nm wavelength operating range.



Technical Specifications	
Parameters	1x2 Fiber Tap Coupler
Operating Wavelength (nm)	1260-1360 & 1460-1625
Dimensions (mm)	Steel Tube $\phi 3.0 \times 54$ for 250 $\mu\text{m}$ Bare Fiber
Fiber Type	SMF-28 Ultra Fiber
Fiber Tail Length (M)	2.5
Connector Type	Stub Tail
Polarization Dependent Loss (dB)	0.2
Return Loss (dB)	$\geq 55$
Directivity (dB)	$\geq 55$
Operating Temperature (°C)	-40 ~ 85
Storage Temperature (°C)	-40 ~ 85



Ordering Information			
Part Number	Description	Thru Loss (dB)	Tap Loss (dB)
PLO-FTC-5050-1-25-0	1x2, Dual Window, Fused Tap Coupler, 50/50, 0.25mm Pigtail Diameter, Single Mode Fiber, 2.5M Pigtails, No Connector	3.7	3.7
PLO-FTC-5545-1-25-0	1x2, Dual Window, Fused Tap Coupler, 55/45, 0.25mm Pigtail Diameter, Single Mode Fiber, 2.5M Pigtails, No Connector	3.2	4.1
PLO-FTC-6040-1-25-0	1x2, Dual Window, Fused Tap Coupler, 60/40, 0.25mm Pigtail Diameter, Single Mode Fiber, 2.5M Pigtails, No Connector	2.7	4.7
PLO-FTC-6535-1-25-0	1x2, Dual Window, Fused Tap Coupler, 65/35, 0.25mm Pigtail Diameter, Single Mode Fiber, 2.5M Pigtails, No Connector	2.3	5.3
PLO-FTC-7030-1-25-0	1x2, Dual Window, Fused Tap Coupler, 70/30, 0.25mm Pigtail Diameter, Single Mode Fiber, 2.5M Pigtails, No Connector	2.0	6.0
PLO-FTC-7525-1-25-0	1x2, Dual Window, Fused Tap Coupler, 75/25, 0.25mm Pigtail Diameter, Single Mode Fiber, 2.5M Pigtails, No Connector	1.6	6.8
PLO-FTC-8020-1-25-0	1x2, Dual Window, Fused Tap Coupler, 80/20, 0.25mm Pigtail Diameter, Single Mode Fiber, 2.5M Pigtails, No Connector	1.3	7.8
PLO-FTC-8515-1-25-0	1x2, Dual Window, Fused Tap Coupler, 85/15, 0.25mm Pigtail Diameter, Single Mode Fiber, 2.5M Pigtails, No Connector	1.0	9.2
PLO-FTC-9010-1-25-0	1x2, Dual Window, Fused Tap Coupler, 90/10, 0.25mm Pigtail Diameter, Single Mode Fiber, 2.5M Pigtails, No Connector	0.8	11.2
PLO-FTC-9307-1-25-0	1x2, Dual Window, Fused Tap Coupler, 93/07, 0.25mm Pigtail Diameter, Single Mode Fiber, 2.5M Pigtails, No Connector	0.7	13.5
PLO-FTC-9505-1-25-0	1x2, Dual Window, Fused Tap Coupler, 95/05, 0.25mm Pigtail Diameter, Single Mode Fiber, 2.5M Pigtails, No Connector	0.5	14.4
PLO-FTC-9703-1-25-0	1x2, Dual Window, Fused Tap Coupler, 97/03, 0.25mm Pigtail Diameter, Single Mode Fiber, 2.5M Pigtails, No Connector	0.4	17.0
PLO-FTC-9802-1-25-0	1x2, Dual Window, Fused Tap Coupler, 98/02, 0.25mm Pigtail Diameter, Single Mode Fiber, 2.5M Pigtails, No Connector	0.35	17.8
PLO-FTC-9901-1-25-0	1x2, Dual Window, Fused Tap Coupler, 99/01, 0.25mm Pigtail Diameter, Single Mode Fiber, 2.5M Pigtails, No Connector	0.3	21.5

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