

FTC TAP SERIES: BARE FIBER TAP COUPLERS

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 Enclosure deployments. FTC's support both 1310nm and 1550nm wavelength operating range.

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



TECHNICAL SPECIFICATIONS

| DESCRIPTION | UNITS | SPECIFICATION |
|-----------------------------|--------|---|
| OPERATING WAVELENGTH | nm | 1260-1360 & 1460-1625 |
| DIMENSIONS L X W X H | mm | STEEL TUBE Ø3.0X54 FOR 250MM BARE FIBER |
| FIBER TYPE | -- | SMF-28 ULTRA FIBER |
| FIBER TAIL LENGTH | METERS | 2.5 |
| CONNECTOR TYPE | -- | STUB TAIL |
| POLARIZATION DEPENDENT LOSS | dB | 0.2 |
| RETURN LOSS | dB | ≥55 |
| DIRECTIVITY | dB | ≥55 |
| OPERATING TEMPERATURE | °C | -40 ~ 85 |
| STORAGE TEMPERATURE | °C | -40 ~ 85 |

ORDERING INFORMATION

| PART NUMBER | DESCRIPTION | INSERTION LOSS (DB) | UNIFORMITY (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 |

NOTE: FIBER TAP COUPLERS CAN BE ORDERED IN MULTIPLE CONFIGURATIONS. PLEASE CONTACT US FOR CONNECTOR OR SPLICE TRAY APPLICATIONS.