

Universal Bulkhead Module UBM-T™ Tap Series

Features

- Ultra-Small Form Factor
- Integrated Mounting Solution
- I-Temp: -40 ~ 85 °C
- Low Insertion Loss
- Telcordia GR-1209, GR-1221, GR-20 compliant
- RoHS compliant

Deployment

- Telco and MSO Networks
- Pedestal, Cabinet, Splice Enclosure, MDU
- FTTX Linear Tap and Split Architectures
- Optical Network Monitoring

Overview

The patent pending UBM-T™ “Universal Bulkhead Module - Tap” modules provide ultimate control of your network deployments with a premium ratio tap coupler. This allows network engineers to strategically control where and how much loss is experienced along a fiber route and extend the reach of PON/ODN networks. The integrated mounting solution provides a simple installation for enclosure, pedestal, and premise deployments.



Technical Specifications

Parameters	1x2 Fiber Tap Coupler
Operating Wavelength (nm)	1260-1360 & 1460-1625
Dimensions LxWxH (mm)	95x70x26
Fiber Type	G.65701 or Equivalent to G.657A1
Connector Type	SC/APC
Polarization Dependent Loss (dB)	0.2
Return Loss (dB)	≥55
Directivity (dB)	≥55
Loss Uniformity (dB)	0.6
Wavelength Dependent Loss (dB)	<0.3
Operating Temperature (°C)	-40 ~ 85
Storage Temperature (°C)	-40 ~ 85



Ordering Information			
Part Number	Description	Thru Loss (dB)	Tap Loss (dB)
PLO-U-T9901-SCA-SCA	1x2 UBM-T-21, 1x2 Coupler, 21dB Tap Value, SC/APC	0.63	20.50
PLO-U-T9802-SCA-SCA	1x2 UBM-T-18, 1x2 Coupler, 18dB Tap Value, SC/APC	0.70	17.60
PLO-U-T9703-SCA-SCA	1x2 UBM-T-17, 1x2 Coupler, 17dB Tap Value, SC/APC	0.73	15.80
PLO-U-T9505-SCA-SCA	1x2 UBM-T-15, 1x2 Coupler, 15dB Tap Value, SC/APC	0.80	13.60
PLO-U-T9307-SCA-SCA	1x2 UBM-T-13, 1x2 Coupler, 13dB Tap Value, SC/APC	1.00	11.70
PLO-U-T9010-SCA-SCA	1x2 UBM-T-11, 1x2 Coupler, 11dB Tap Value, SC/APC	1.10	10.60
PLO-U-T8515-SCA-SCA	1x2 UBM-T-10, 1x2 Coupler, 10dB Tap Value, SC/APC	1.30	8.80
PLO-U-T8020-SCA-SCA	1x2 UBM-T-8, 1x2 Coupler, 8dB Tap Value, SC/APC	1.60	7.60
PLO-U-T7030-SCA-SCA	1x2 UBM-T-6, 1x2 Coupler, 6dB Tap Value, SC/APC	2.15	5.80
PLO-U-T6040-SCA-SCA	1x2 UBM-T-5, 1x2 Coupler, 5dB Tap Value, SC/APC	2.80	4.60
PLO-U-T4555-SCA-SCA	1x2 UBM-T-3, 1x2 Coupler, 3dB Tap Value, SC/APC	4.22	3.25
PLO-U-T3070-SCA-SCA	1x2 UBM-T-2, 1x2 Coupler, 2dB Tap Value, SC/APC	5.80	2.15
Note: Thru and Tap Loss Specifications are Typical Values			