

Universal Splitter Bulkhead Module USBM™ 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 Tap and Split

Overview

The patent pending USBM-T™ “Universal Splitter Bulkhead Module - Tap” modules provide ultimate control of your network deployments by combining the 1x2, 1x4, 1x8 splitters with a ratio tap coupler. This combination allows you 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.



PLO-U-102-TXXXX-SCA-SCA



PLO-U-104-TXXXX-SCA-SCA



PLO-U-108-TXXXX-SCA-SCA



Technical Specifications			
Parameters	1x2	1x4	1x8
Dimensions LxWxH (mm)	95x70x26	95x70x38	95x70x38
Loss Uniformity (dB)	0.6	0.7	1.0
Polarization Dependent Loss (dB) - Tap	0.2	0.2	0.2
Polarization Dependent Loss (dB) - Splitter	0.4	0.4	0.4
Operating Wavelength (nm)	1260 ~ 1650		
Fiber Type	G.65701 or Equivalent to G.657A1		
Return Loss (dB)	≥55		
Directivity (dB)	≥55		
Wavelength Dependent Loss (dB)	≤0.3		
Operating Temperature (°C)	-40 ~ 85		
Storage Temperature (°C)	-40 ~ 85		
Connector Type	SC/APC		

Ordering Information			
Part Number	Description	Thru Loss (dB)	Tap Loss (dB)
PLO-U-102-T9703-SCA-SCA	1x2 USBM-T-21, 1x2 PLC Splitter, 21dB Tap Value, SC/APC	0.73	19.3
PLO-U-102-T9505-SCA-SCA	1x2 USBM-T-19, 1x2 PLC Splitter, 19dB Tap Value, SC/APC	0.8	17.1
PLO-U-102-T9307-SCA-SCA	1x2 USBM-T-17, 1x2 PLC Splitter, 17dB Tap Value, SC/APC	0.8	15.2
PLO-U-102-T9010-SCA-SCA	1x2 USBM-T-15, 1x2 PLC Splitter, 15dB Tap Value, SC/APC	1.1	14.1
PLO-U-102-T8515-SCA-SCA	1x2 USBM-T-14, 1x2 PLC Splitter, 14dB Tap Value, SC/APC	1.3	12.3
PLO-U-102-T8020-SCA-SCA	1x2 USBM-T-12, 1x2 PLC Splitter, 12dB Tap Value, SC/APC	1.6	11.1
PLO-U-102-T7030-SCA-SCA	1x2 USBM-T-10, 1x2 PLC Splitter, 10dB Tap Value, SC/APC	2.15	9.3
PLO-U-102-T6040-SCA-SCA	1x2 USBM-T-8, 1x2 PLC Splitter, 8dB Tap Value, SC/APC	2.8	8.1
PLO-U-102-T4555-SCA-SCA	1x2 USBM-T-7, 1x2 PLC Splitter, 7dB Tap Value, SC/APC	4.4	6.8
PLO-U-102-T3070-SCA-SCA	1x2 USBM-T-5, 1x2 PLC Splitter, 5dB Tap Value, SC/APC	5.8	5.8
PLO-U-102-SCA-SCA	1x2 USBM, 1x2 PLC Splitter, SC/APC	T	4.0

Ordering Information			
Part Number	Description	Thru Loss (dB)	Tap Loss (dB)
PLO-U-104-T9307-SCA-SCA	1x4 USBM-T-21, 1x4 PLC Splitter, 21dB Tap Value, SC/APC	0.8	18.6
PLO-U-104-T9010-SCA-SCA	1x4 USBM-T-19, 1x4 PLC Splitter, 19dB Tap Value, SC/APC	1.1	17.5
PLO-U-104-T8515-SCA-SCA	1x4 USBM-T-17, 1x4 PLC Splitter, 17dB Tap Value, SC/APC	1.3	15.7
PLO-U-104-T8020-SCA-SCA	1x4 USBM-T-15, 1x4 PLC Splitter, 15dB Tap Value, SC/APC	1.6	14.5
PLO-U-104-T7030-SCA-SCA	1x4 USBM-T-13, 1x4 PLC Splitter, 13dB Tap Value, SC/APC	2.15	12.7
PLO-U-104-T6040-SCA-SCA	1x4 USBM-T-11, 1x4 PLC Splitter, 11dB Tap Value, SC/APC	2.8	11.5
PLO-U-104-T4555-SCA-SCA	1x4 USBM-T-10, 1x4 PLC Splitter, 10dB Tap Value, SC/APC	4.4	10.2
PLO-U-104-T3070-SCA-SCA	1x4 USBM-T-9, 1x4 PLC Splitter, 9dB Tap Value, SC/APC	5.8	9.2
PLO-U-104-SCA-SCA	1x4 USBM, 1x4 PLC Splitter, SC/APC	T	7.4



Ordering Information			
Part Number	Description	Thru Loss (dB)	Tap Loss (dB)
PLO-U-108-T9010-SCA-SCA	1x8 USBM-T-21, 1x8 PLC Splitter, 21dB Tap Value, SC/APC	1.1	20.4
PLO-U-108-T8515-SCA-SCA	1x8 USBM-T-19, 1x8 PLC Splitter, 19dB Tap Value, SC/APC	1.3	18.6
PLO-U-108-T8020-SCA-SCA	1x8 USBM-T-17, 1x8 PLC Splitter, 17dB Tap Value, SC/APC	1.6	17.4
PLO-U-108-T7030-SCA-SCA	1x8 USBM-T-16, 1x8 PLC Splitter, 16dB Tap Value, SC/APC	2.15	15.6
PLO-U-108-T6040-SCA-SCA	1x8 USBM-T-15, 1x8 PLC Splitter, 15dB Tap Value, SC/APC	2.8	14.4
PLO-U-108-T4555-SCA-SCA	1x8 USBM-T-14, 1x8 PLC Splitter, 14dB Tap Value, SC/APC	4.4	13.1
PLO-U-108-T3070-SCA-SCA	1x8 USBM-T-12, 1x8 PLC Splitter, 12dB Tap Value, SC/APC	5.9	12.1
PLO-U-108-SCA-SCA	1x8 USBM, 1x8 PLC Splitter, SC/APC	T	10.7
<i>Note: dB Thru and Tap Loss Specifications are "Typical"</i>			