

## UNIVERSAL SPLITTER BULKHEAD MOUNT, USBM-T SPLITTER-TAP SERIES

### OVERVIEW

The patent pending Plugin Optics USBM™ “Universal Splitter Bulkhead Module” PLC Splitter was designed to integrate into pedestal, enclosure and MDU environments. It features high quality, ultra-small form factor, flexible mounting, and wide operating wavelength range.



#### FEATURES

- 1x2, 1x4, & 1x8 Variants
- Universal Mounting
- Ultra-Small Form Factor
- Integrated Mounting Bracket
- Temp Range: I-Temp

#### ENVIRONMENT

- Central Office
- Headend
- Remote Site
- Cabinet
- Pedestal

#### CONFIGURATIONS

- Fiber-To-The-Home
- Fiber-To-The-Tower
- Centralized Split
- Distributed Split

TECHNICAL SPECIFICATIONS			
PARAMETER	1x2	1x4	1x8
DIMENSIONS LXWXH (MM)	95x70x26	95x70x38	95x70x38
LOSS UNIFORMITY (DB)	0.6	0.7	1.0
PD LOSS (DB) - TAP	0.2	0.2	0.2
PD 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	

*NOTE: SPLITTER ONLY AND TAP ONLY MODULES ARE ALSO AVAILABLE.*

**ORDERING INFORMATION (CONTINUED)**

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

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

NOTE: DB THRU AND TAP LOSS SPECIFICATIONS ARE "TYPICAL"