

## UNIVERSAL SPLITTER BULKHEAD MODULE USBM™ 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)	95 x 70 x 26	9 5x 70 x 38	95 x 70 x 38
LOSS UNIFORMITY (DB)	0.6	0.7	1.0
POLARIZATION DEPENDANT LOSS (DB) - TAP	0.2	0.2	0.2
POLARIZATION DEPENDANT 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

**ORDERING INFORMATION (CONTINUED)**

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