USBA-C ProMax Plenum Series

USB-A TO USB-C 10 GBPS OPTICAL CABLES – PLENUM



The Extron **USBA-C ProMax Plenum Series** of active, hybrid optical-copper cables transmit USB 10 Gbps and power over distances up to 65ft. The cables exclusively support USB 10 Gbps and 5 Gbps data rates while providing up to 4.5 watts of power to a peripheral device. These unidirectional USB-A to USB-C® active cables are ideal for Pro AV applications that require reliable cable connection between USB-A and USB-C devices over long cable runs.

- **Provides long distance connectivity between USB-A and USB-C devices**
- **Supports USB 10 Gbps and 5 Gbps data rates**
- **Delivers 4.5 watts of USB power**
- **Plenum, NEC CMP-rated cable**
- **Highly resistant to EMI/RFI interference**

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DESCRIPTION

The Extron **USBA-C ProMax Plenum Series** of active, hybrid optical-copper cables transmit USB 10 Gbps and power over distances up to 65 feet (19.8 meters). The cables exclusively support USB 10 Gbps and 5 Gbps data rates while providing up to 4.5 watts of power to a peripheral device. These unidirectional USB-A to USB-C active cables draw power from either connected USB device. The thin 0.24" (6.0 mm) diameter and narrow bend radius allows for installation in tight spaces, including plenum air spaces.

The USBA-C ProMax Plenum Series offers the benefits of fiber optics with the simplicity of traditional copper cables. Providing the best combination of price and performance, this cabling solution is ideal for sending USB data and power over long cable runs while maintaining full signal integrity and providing reliable operation to support mission-critical applications.

The USBA-C ProMax Plenum Series is ideal for Pro AV applications that require reliable cable connection between USB-A and USB-C devices over long cable runs up to 65 feet (19.8 meters).

KEY FEATURES

- **Provides long distance connectivity between USB-A and USB-C devices** – The active, hybrid optical-copper cable features a male USB-A connector for host and a male USB-C connector for peripheral device connectivity.
- **Supports USB 10 Gbps and 5 Gbps data rates** – Exclusively supports USB 10 Gbps and USB 5 Gbps connections.
- **Delivers 4.5 watts of USB power** – Delivers up to 5 V and 900 mA of power to a connected USB peripheral.
- **Plenum, NEC CMP-rated cable** – Cable can run through open air spaces, eliminating the need for a conduit in most jurisdictions. The cable is rated for in wall and ceiling installations.
- **No external power required** – Built in active circuitry is powered by either end, eliminating the cost of an external power supply.
- **Highly resistant to EMI/RFI interference** – USBA-C ProMax Plenum Series cables can be used in high interference environments, such as data centers or manufacturing facilities.
- **Gold-plated contacts** – Contacts will not tarnish, maintaining a long-lasting, reliable electrical connection.
- **Reversible USB-C connector**
- **Available in lengths from 35' to 65' (10.6 m to 19.8 m)**

SPECIFICATIONS

DATA	
USB specification	USB 3.2 (Gen2)
USB data rate	10 Gbps
POWER	
Maximum power delivery	4.5 W
MECHANICAL	
Max tensile strength	100 N (10.2 kg, 22.5 lbs)
Max. compression load resistance	200 N (20.4 kg, 45 lbs)
Max pull strength	111 N (11.3 kg, 25 lbs)
Cable outer diameter	0.24" (6.0 mm)
Bend radius	1.92" (49 mm)
USB-A male	2.63" L x 0.67" W x 0.33" thick (67 mm L x 17 mm W x 8 mm thick)
USB-C male	2.44" L x 0.49" W x 0.35" thick (62 mm L x 12 mm W x 9 mm thick)
GENERAL	
Regulatory compliance	CE, RoHS, UL-CMP, WEEE
Warranty	3 years

NOTE: All nominal levels are at ±10%.

Model	Version Description	Part number
USBA-C ProMax P/35	35' (10.6 m) Plenum	26-758-35
USBA-C ProMax P/50	50' (15.2 m) Plenum	26-758-50
USBA-C ProMax P/65	65' (19.8 m) Plenum	26-758-65

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

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