



USB Type-C to DP Silicone Adapter Cable

Product number: 990637

Product Overview

The TP906-xxM is a Type-C 3.1 adapter cable designed for Pro-AV industry with a length of 2.5m. This USB Type-C to DP cable with the active conversion chip delivers a transmission rate of 32.4Gbps, and supports resolutions up to 7680*4320@60Hz. The 30AWG cable is made with multi-strand tinned copper wire with three-layer shielding, a premium Silicone outer jacket which is highly flame resistant and extremely soft. The metal tinplate connectors and 15µm gold-plated pins make connections stable and reliable. Comes with transparent heat shrink tubing for labeling, protective connector caps and Velcro strap for easy storage. With its high durability and ease of storage, this product meets and exceeds the demands of repeated use in rental and staging applications.



Product Features

- USB Type-C to DP adapter cable with a length of 2.5 meters.
- USB 3.1 compliant with active conversion technology and built-in 15kv anti-static protection.
- Delivers a transmission rate of 32.4Gbps and fully DP 1.4 compliant.
- Supports resolutions up to 7680*4320@60Hz 4:4:4.
- Premium Silicone outer jacket, upgraded flame retardant grade, and the cable body is still flexible in extreme cold weather.
- 30AWG multi-strand tinned copper wire, three-layer shielding structure and 85% copper shielding rate guarantee stable connections.
- 15µm gold-plated pins built to withstand more than 1,000 plug cycles.
- Detachable cap with cord leash and Velcro strap for easy storage.
- Suitable for repeated deployment in the rental and staging market.

Product Views



TypeC-DP Front



TypeC-DP Side



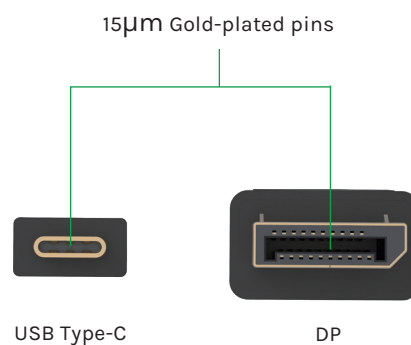
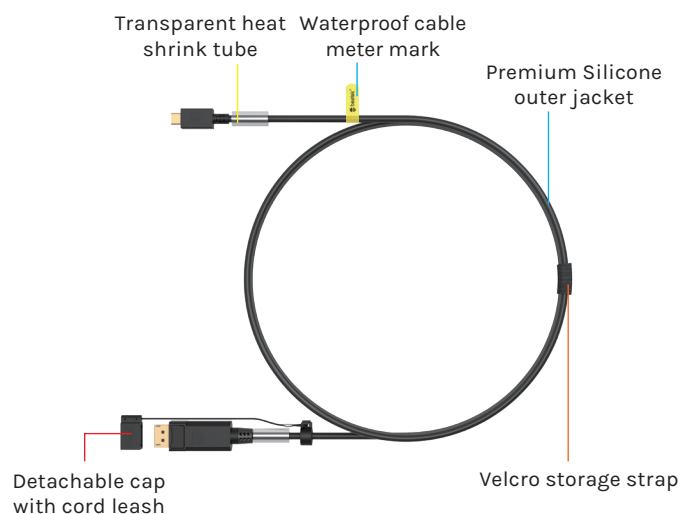
TypeC-DP Interface

Product Specifications

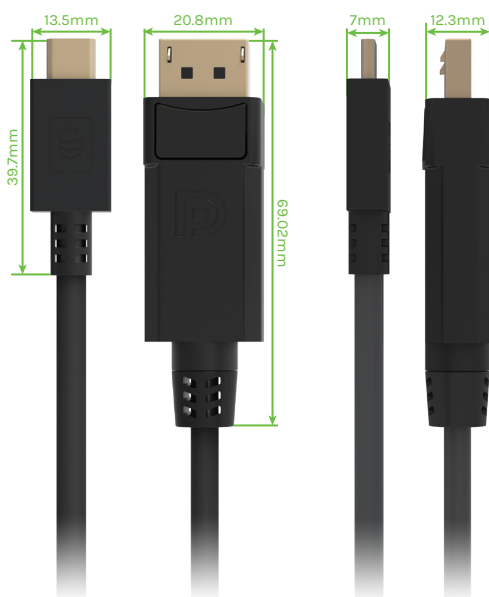
Name	Specifications
Signal Type	USB3.1 to DP1.4
Conversion Method	Active
Input Connector Type	USB Type-C
Output Connector Type	DP
Environmental Info	RoHS 2.0 Compliant
Connector Gold Plating	Shell: 3μm; Pins: 15μm
Connector Dimensions	USB Type-C: 39.7*13.5*7mm / DP: 69*20.8*12.3mm
Connector Structure (Type C)	Plug plate + Inner mold + Copper foil + shell
Connector Structure (DP)	Active PCB board + SR outer mold + Shell + Screw + Protective cap
Inner Mold (Type C)	Transparent PE material
SR Outer Mold (DP)	Black injection mold
Copper Foil (Type C)	Double-sided conductive copper foil
Shell	Type-C: Injection-molded shell (UL, RoHS); DP: Zinc alloy upper and lower assembled shell
Protective Cap (DP)	Detachable cap with cord leash
Components	Conductor + Copper foil + Mylar + Braid + Jacket
Conductor Material	Stranded tinned copper
Conductor Diameter	30AWG
Braid Material	16*10 braided copper wire
Shielding Rate	7 mesh 85% shielding rate
Jacket Material	Silicone
Cable Diameter	5.0mm
Cable Color	Black
Cable Meter Marking	Yellow waterproof text
Custom Label	Yes
Velcro	Heat-shrink transparent tubing on both ends for custom labels
EDID	Detachable Velcro Strap: 20*200mm

Name	Specifications
3D	Yes
CEC	Yes
ARC	Yes
HDCP	Yes
HDR	Yes
AUX Channel	Yes
High-speed Ethernet	Supports extended high-speed ethernet
Extended USB	Supports extended USB 2.0 / USB 3.1
Extended Audio	Supports extended 32 channels of audio
BT.2020 Color Space	Yes
Compatibility	Backward compatible with DP1.1a/1.1/1.2 version
ESD	Yes
Supported Resolutions	7680*4320@60Hz
Transmission Rate	32.4Gbps
Plug and Play	Yes
Delay	Zero
Deep Color	Yes
Color Sampling Rate	RGB 4:4:4, YUV 4:4:4, YUV 4:2:2, YUV 4:2:0
Compression	None
Electrical Test (Voltage)	Voltage: DC 300V
Impedance Test (Insulation)	Insulation resistance: $\geq 10\text{M}\Omega$
Impedance Test (Continuity)	On-resistance: $\leq 2\Omega$
Tensile Strength	$\leq 200\text{N}$
Maximum Bending Angle	135°
Operating Temperature	-40°C~80°C

Product Detail Drawing



Product Size

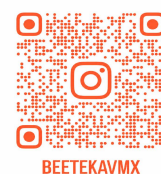


USB Type-C to DP Silicone Adapter Cable

Connector Size(Type-C): 39.7*13.5*7mm

Connector Size(HDMI): 65.8*20.8*12.3mm

Cable Diameter: 5.0mm



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