



P901-xxM

MiniDP – DP Adapter Cable

Product number:7.02

Summary

P901-xxM is a professional MiniDP-DP adapter designed for video processors with transmission of 21.6Gbps supporting resolutions up to 3840x2160@60Hz. The 30AWG cable is made with multi-strand tinned copper wire with three-layer shielding, a thick PVC outer jacket, metal tinplate connectors, 15 μ gold-plated pins, which make connections stable and reliable. It comes with transparent heat shrink tubing for labelling, protective connector caps and Velcro straps 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. It is available in 1.5 meter and 3 meter lengths.

Product view



MiniDP-DP Front



MiniDP-DP Side

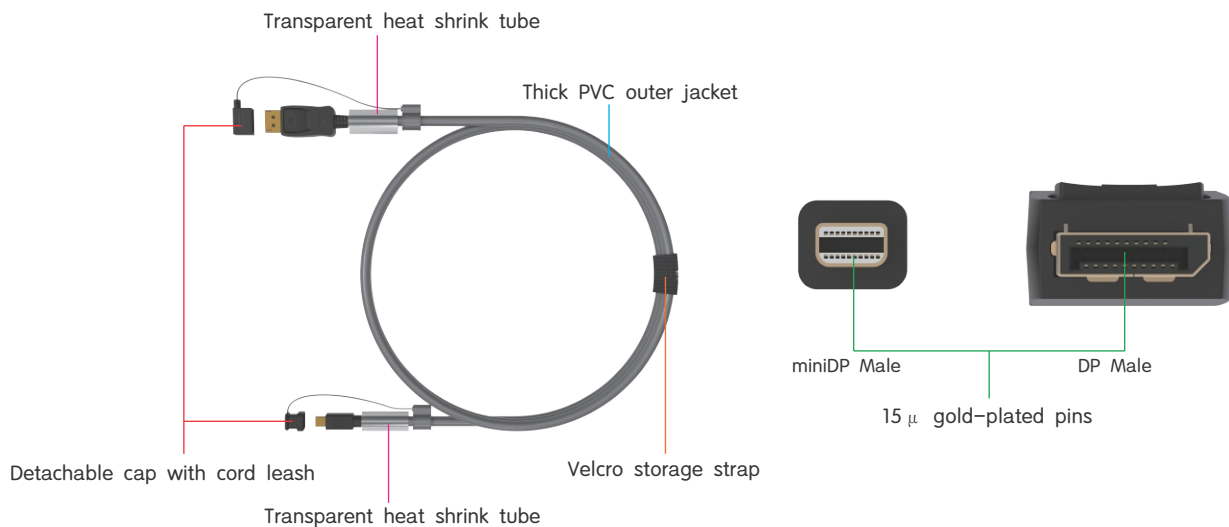


MiniDP-DP surface

Technical Characteristics

- ✦ MiniDP–male to DP–male adapter cable in 1.5 meter and 3 meter lengths.
- ✦ Fully complies with DP1.2 standards and has 21.6Gbps transmission rate.
- ✦ Thick PVC outer jacket and 30AWG multi–strand tinned copper wire.
- ✦ Three–layer shielding structure and 85% copper weaving shielding rate.
- ✦ Reinforced tinplate connectors ensure reliable connections.
- ✦ 15 μ m gold–plated pins support repeated plugging and unplugging.
- ✦ Comes with protective caps and Velcro strap for easy storage.
- ✦ Suitable for repeated deployment in the rental and staging market.

Product Details



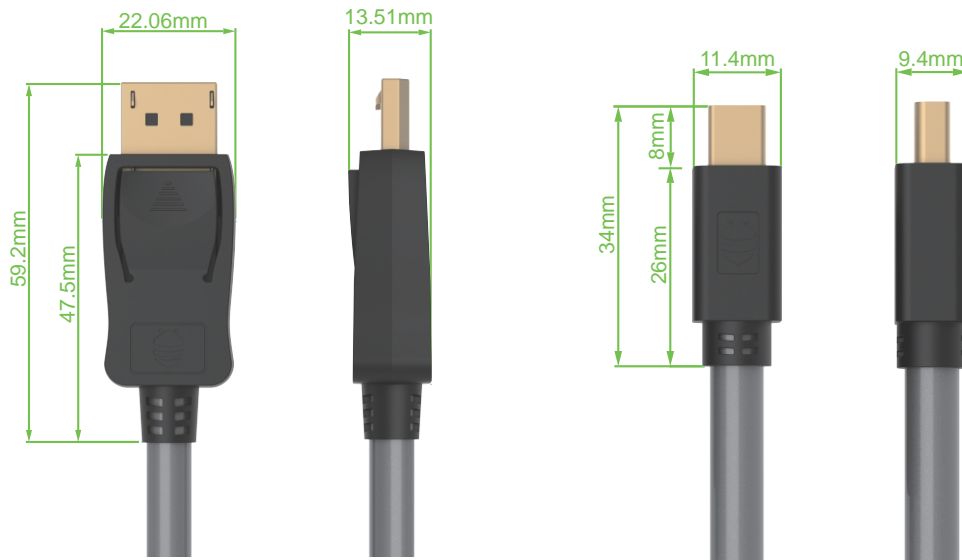
Product parameter

Name	Parameter
Signal Type	DP1.2
Connector Type	miniDP Male– DP Male
Environmental Info	RoHS 2.0 Compliant

Name	Parameter
Connector Gold Plating	Shell: 3μm; Pins: 15μm
Connector Dimensions	DP:59.2*22*13.5mm; MiniDP:34*11.4*9.4mm
Connector Structure(DP)	Plug plate + Inner mold + Shielding case + Copper foil + SR outer mold + Shell + Protective cap
Connector Structure(miniDP)	Plug plate + Inner mold + Copper foil + Shell + Protective cap
Internal Mold	Transparent PE material
Shielding Case(DP)	Upper and lower assembled metal shielding case
Copper Foil	Double-sided conductive copper foil
SR Outer Mold(DP)	45P black PVC injection mold
Shell	miniDP: 45P PVC injection molded shell; DP: ABS upper and lower assembled shell
Locking Connector (DP)	Standard press-style DP locking mechanism
Protective Cap	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	90P PVC (UL、RoHS)
Cable Diameter	5.5 MM
Cable Color	Fluorescent gray
Cable Meter Marking	Waterproof Yellow Text
Velcro	P-shaped Velcro Strap: 20*200mm
Custom Label	Heat-shrink transparent tubing on both ends for custom labels
EDID	Yes
3D	Yes
CEC	Yes
ARC	Yes
HDCP	Yes
HDR	Yes
AUX	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 DP 1.1a / 1.1 version
Supported Resolutions	3840 x 2160@60Hz
Clock Bandwidth	540MHz*4
Transmission Rate	21.6Gbps
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

Name	Parameter
Compression	None
Electrical Test (Voltage)	Voltage: DC 300V
Impedance Test (Insulation)	Insulation resistance: $\geq 10M\Omega$
Impedance Test (Continuity)	On-resistance: $\leq 2\Omega$
Tensile Strength	$\leq 200N$
Bending Angle	135°
Operating Temperature	$-20^\circ C \sim 80^\circ C$

Dimensional drawing



- Connector Dimensions(DP) 59*22*13.5mm
- Connector Dimensions(mini-DP) 34*11.4*9.4mm
- Bag Size 37* 29cm
- Carton Size 46 * 33 * 26cm