



P902-xxM

DP 1.2 Cable

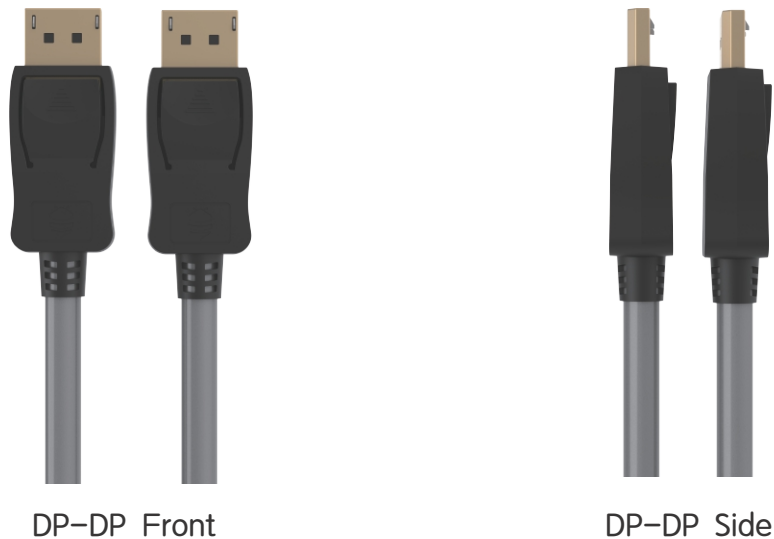
Product number:7.13

Summary

P902-xxM is a professional DisplayPort cable designed for video processors, which has a transmission rate of 21.6Gbps and the supports resolutions up to 3840x2160@60Hz. The 28AWG cable is made with multi-strand tinned copper wire with three-layers shielding, a thick PVC outer jacket, metal tinplate connectors, and 15μ gold-plated pins which make connections stable and reliable. Comes with transparent heat shrink tubing for labelling, protective connector cap 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 2 meter and 5 meter lengths.



Product view

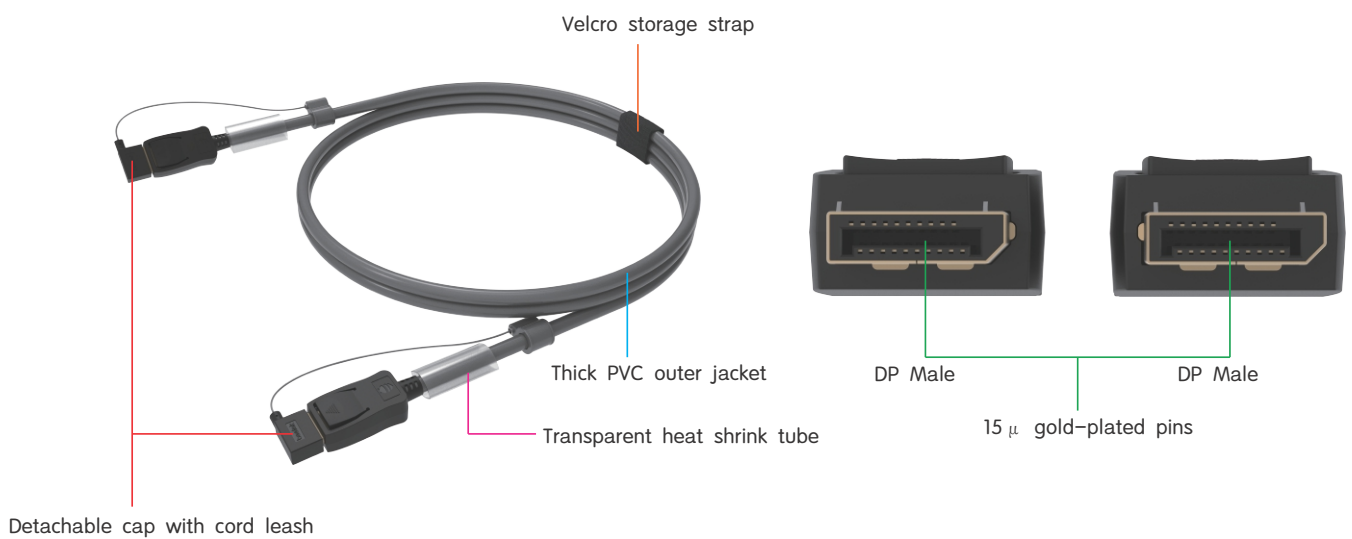


DP-DP Interface

Technical Characteristics

- ◆ DP cable in 2 meter and 5 meters lengths.
- ◆ DP1.2 compliant with 21.6Gbps transmission rate.
- ◆ Thick PVC outer jacket and 28AWG 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 cap and Velcro strap for easy storage. Suitable for
- ◆ repeated deployment in the rental and staging market.

Product Details

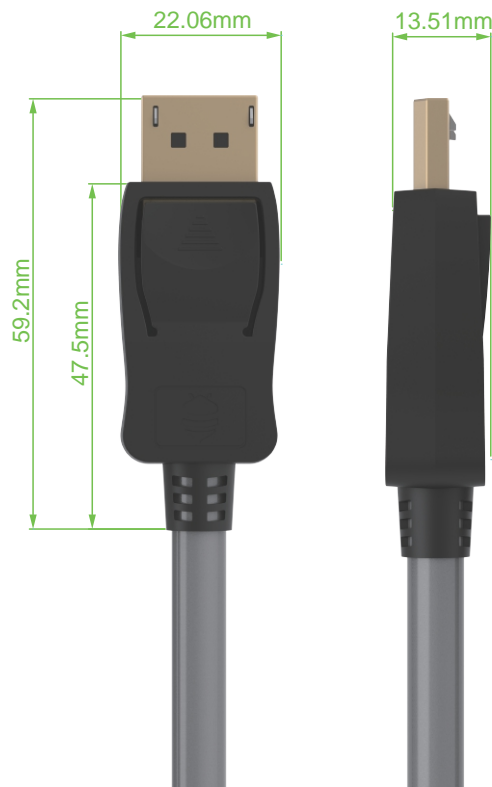


Product parameter

Name	Parameter
Signal Type	DP1.2
Input Connector Type	DP Male – DP Male
Environmental Info	RoHS 2.0 Compliant
Connector Gold Plating	Shell: 3μm; Pins: 15μm
Connector Dimensions	59.2*22*13.5mm
Connector Structure	Plug plate + Inner mold + Shielding shell + Copper foil + SR outer mold + Shell + Protective cap
Inner mold	Transparent PE material
Shielding Shell	Upper and lower assembled metal case
Copper Foil	Double-sided conductive copper foil
SR Outer Mold	45P black PVC injection mold (UL, RoHS)
Shell	ABS upper and lower assembled shell
Locking Connector	Standard DP press-style locking mechanism
Protective Cap	Detachable cap with cord leash
Components	Conductor + Copper foil + Mylar + Braid + Jacket
Conductor material	Stranded tinned copper
Conductor diameter	28AWG
Braid Material	16*10 braided copper wire
Shielding Rate	7 mesh 85% shielding rate
Jacket Material	90P PVC (UL, RoHS)
Cable Diameter	7.3 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 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 DP 1.1a / 1.1 version
Supported resolutions	3840 x 2160@60Hz
Clock Bandwidth	540MHz*4

Name	Parameter
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
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	$\leq 400N$
Bending angle	120°
Operating Temperature	-20℃ ~80℃

Dimensional drawing



- Connector Dimensions 59.2*22*13.5mm
- Bag Size 37* 29cm
- Carton Size 46 * 33 * 26cm