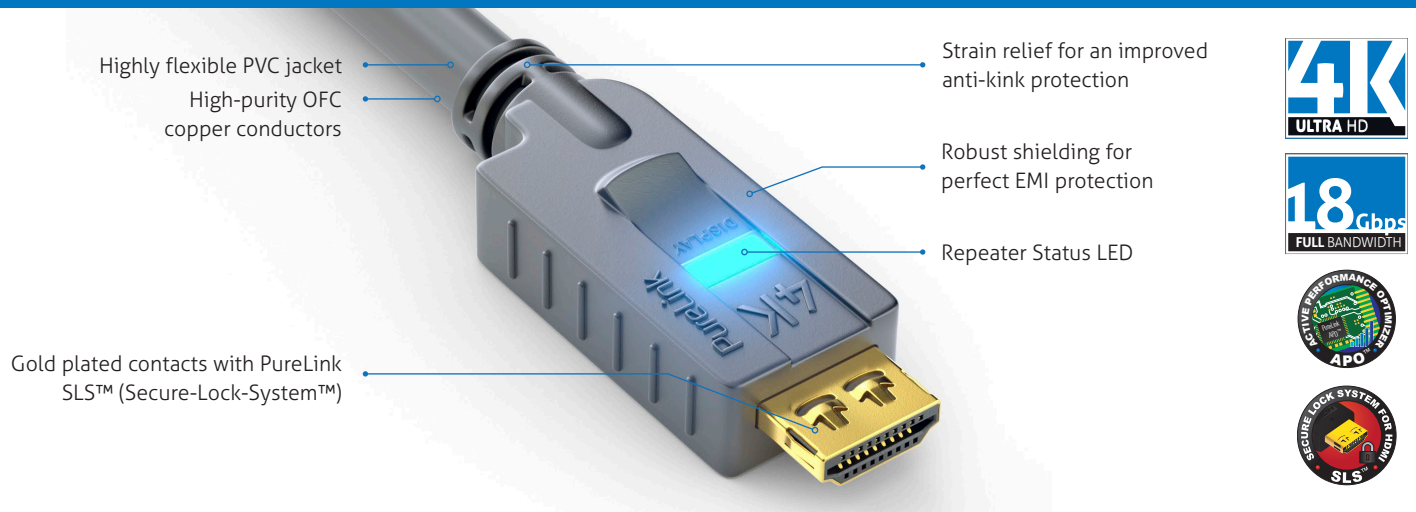


PureInstall Series

PI2010 | Active HDMI 2.0 Cable

PureLink

digital solutions



DESCRIPTION

Long distances and maximum bandwidth at perfect performance levels - The PI2010 cable features an integrated signal amplifier which can be supplied with power directly via HDMI or, if not sufficient via an external power adapter (microUSB). Cable lengths of up to 20 meters for High Speed HDMI w. Ethernet at 18Gbps or up to 30m at 10.2Gbps are possible. This cable is particularly suitable for professional applications over long cable distances.

All features of the PureInstall series, like the triple shielding and the Secure-Lock-System™, are also included. With zero bit error rate (Quantum Data 780D test) and the exclusive, equalizing chipset with an agile eye pattern, an error-free signal transmission is safe at any time!

The PI2010 cable is 100% compatible with the MacBook Pro, is "Plug & Play" capable and supports CEC, EDID as well as HDCP up to v2.2.

FEATURES AND PERFORMANCE

- Active copper HDMI cable up to 18Gbps bandwidth
- Resolutions up to 4K@60Hz 4:4:4 incl. HDR formats
- Up to 20m transmission range for 4K signals, 30m for FullHD
- All HDMI 2.0 video, color and audio formats supported
- Secure-Lock-System™ (SLS™) locking connectors
- HDCP 2.2 & HDCP 1.4 compliant
- UL CL2 rated for in wall installations
- No external power needed in most applications
- Superior EMI performance to reduce interferences
- Zero bit error rate (BER) (tested with Quantum Data 780D)
- Easy Plug & Play installation

APPLICATION

INPUT

- Graphic Card
- Console
- Blu-ray
- DVR
- Computer
- Set-top Box



OUTPUT

- TV
- Monitor
- Projector



DETAILED TECHNICAL SPECIFICATION

Connections	
Plug material	Plastic
Contact material	24 carat gold plating
Shielded	Yes
Connector 1	HDMI Type A male (19 pin)
Dimension connector 1	45 x 11 x 20 mm
Connector 2	HDMI Type A male (19 pin) Micro USB female (Power)
Dimension connector 2	53 x 11 x 20 mm

Signal Transmission	
Transmission modes	Digital audio and video signals
Standard	HDMI 2.0, HDCP 2.2, HDR incl. RGB, YCbCr 4:4:4, CEC, EDID, HEAC, ARC
Bandwidth	18 Gbps - Up to 20 m 10.2 Gbps - Up to 30 m
Resolution	Up to 4K / UltraHD / 2160p (4096 x 2160) @60Hz, 4:4:4
Supported audio	Up to Dolby Atmos / DTS HD Master Audio as well as future formats that don't exceed the total max. bandwidth.

Cable	
Type	Round cable
Construction	5x Twisted Pairs+Drain 4x Signal
Outer sheath material	Highly flexible PVC
Outer sheath diameter	5.5 mm / 32 AWG up to 5 m 7.1 mm / 28 AWG up to 12.5 m 8.5 mm / 26 AWG up to 15 m 9.5 mm / 24 AWG up to 30 m
Bend radius	App. 27.5 mm up to 5 m App. 35.5 mm up to 12.5 m App. 42.5 mm up to 15 m App. 47.5 mm up to 30 m
Pulling strength	App. 4 kg

General	
Transmission distance	UltraHD / 2160p - Up to 20 m FullHD / 1080p - Up to 30 m
Operation / storage temperature	Connectors: -25 °C - 85 °C Cable: N/A
Humidity	N/A
Power supply	Current draw from source or external power supply (microUSB)
Power consumption	0.005 W - 0.5 W
Certification	CE, UL CL2, RoHS, REACH

Connector

Gold plated contacts with PureLink SLS™ (Secure-Lock-System™)

Shield

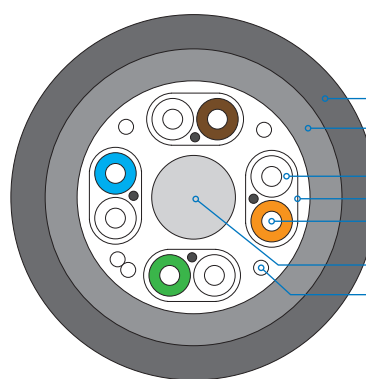
Robust EMI shielding

Active Cable

Micro USB for power supply

Strain Relief

Enhanced bending cycles



PRODUCT OVERVIEW

Part Number	Color	Length	EAN	Weight	Quantity (PU)	Weight (PU)	Size (PU)
PI2010-050	black	5 m	4251364716502	0.28 kg	10 pcs	3.6 kg	41 x 30 x 30 cm
PI2010-075	black	7.5 m	4251364716519	0.52 kg	10 pcs	6.0 kg	41 x 30 x 30 cm
PI2010-100	black	10 m	4251364716526	0.66 kg	10 pcs	7.5 kg	41 x 30 x 30 cm
PI2010-125	black	12.5 m	4251364716694	0.84 kg	5 pcs	5.1 kg	41 x 30 x 30 cm
PI2010-150	black	15 m	4251364716533	1.34 kg	5 pcs	7.6 kg	41 x 30 x 30 cm
PI2010-200	black	20 m	4251364716540	2.00 kg	5 pcs	10.1 kg	41 x 30 x 30 cm
PI2010-250	black	25 m	4251364716588	2.53 kg	3 pcs	8.3 kg	41 x 30 x 30 cm
PI2010-300	black	30 m	4251364716595	3.00 kg	3 pcs	9.8 kg	41 x 30 x 30 cm

*10.2Gbps