DIGITUS® DisplayPort AOC Hybrid Fiber Optic Cable, UHD 8K, 20 m

AK-340107-200-S

EAN 4016032467090



DisplayPort AOC Connection Cable M/M, 20.0m, UHD 8K, 8K@60Hz, DP 1.4, gold, bl

This active DisplayPort AOC Hybrid Fiber Optic Cable is ideally suited for transferring uncompressed video and audio data with high bandwidth over longer distances. The hybrid construction, which uses copper and fiber optic cable, prevents electromagnetic interference. This ensures a loss-free transfer along the entire length of the cable with UHD resolution of up to 8K/60Hz and bandwidths of up to 32.4 Gbps. The use of fiber optic cable keeps the diameter of this active cable very low and gives it a very tight bending radius and low weight. It is ideal for use in homes, meeting rooms, and conference rooms as well as within buildings — and these are just a few of the possible uses. The simple Plug and Play installation is user-friendly; just plug it in and immediately enjoy optimal image quality. It supports numerous standards such as DisplayPort 1.4, HDCP 2.2 and HDR. Some of the many audio features supported are DTS-HD Master Audio and Dolby TrueHD. Cutting edge chip technology makes it possible to transfer the full DisplayPort signal spectrum while also supporting uncompressed CED and EDID with very low latency.

Transfer of uncompressed video and audio signals in 8K / 60Hz (UHD-2) resolution with 32.4 Gbps bandwidth.

- Resolution: 7680 x 4320p / 60 Hz (UHD-2)
- Supports 8K 3D
- Data transfer rate of up to 32.4 Gbps (max. bandwidth)
- Supports up to 120Hz at 4K & Full HD (1080p)
- Subsampling: YUV 4:4:4
- HDCP version: 2.2
- DisplayPort version: 1.4
- Supported color depth: 16 Bit Deep Color
- Supports HDR
- Supports Consumer Electronic Control (CEC)
- Supports Lip Sync (audio/video synchronization)
- Supports stereoscopic 3D video
- Supports Display Stream Compression 1.2 (DSC)
- Supports EDID 2.0 (device recognition)
- Supports DVI Version 1.0 (in conjunction with adapters)
- Supports forward error correction (FEC)
- Multi Stream audio/video support
- Supports 21:9 Cinemascope
- 32 channel audio support
- Dolby TrueHD capable
- Supports 8-channel LPCM, 192 kHz, 24-bit audio capability
- Supports DTS-HD Master Audio bitstream
- Supports Super Audio CD (DSD)
- Supports DVD audio
- Supports Blu-ray Disc and HD DVD audio and video
- Latency: Zero frame delay
- Bending radius: 25.4 mm
- OM version: OM3
- Operating temperature: -20 ~ 70°C
- Operating humidity: 10 - 75% RH
- Power consumption: 360 mW max.

Attributes

- AWG: 24/28
- Color cable: black
- Connector 1: DP, plug
- Connector 2: DP, plug
- Connector surface: gold-plated
- DisplayPort standard: DisplayPort 1.4
- Ferrite filter: none
- HDTV Standard: Ultra HD 8K
- Hoods: Metallic housing
- Interlock: Snap fastener
- Length: 20 m
- AOC - Active Optical Cable: no
- Shielding: single shielding

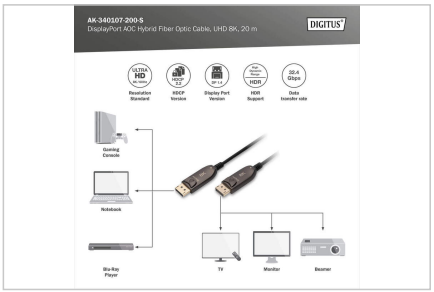
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	16	12.00	34.00	45.00	28.00	42,840.00
Packaging Unit Inside	1	0.75	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.75	6.00	20.00	20.00	2,400.00
Net single without Packaging	1	0.60	1.00	9.00	5.80	0.00

More images:









Safety notes

- When plugging and unplugging the cable, only grasp the plug and do not pull directly on the cable.
- Cables must not be kinked sharply or bent at tight angles, as this can damage the inner wires and lead to failures.
- Make sure that the cables are not under tensile load, as this can damage the insulation and the wires inside the cable.
- Ensure that cables are not laid in areas where they can be easily damaged mechanically.
- Cables should not be used in environments with extremely high or very low temperatures. Observe the product specifications for the maximum operating temperature of the cable
- Check cables regularly for visible damage such as cracks, kinks or signs of wear. Defective cables should be replaced immediately to avoid failures, short circuits or even electric shocks.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

ASSMANN Electronic GmbH
Auf dem Schüffel 3
Lüdenscheid, Germany
https://www.assmann.com
info@assmann.com