Model   **:** ATZ AOC-DP1.4-HDMI2.0-xxM (xx=length)
Description : DP 1.4 to HDMI2.0 Active Optical Cable, 4K@60Hz, 18Gbps
            (10m/20m/30m/40m/50m/60m)

ATZ DP1.4 to HDMI2.0 Active Hybrid Cable is the most competitive long reach Displayport interconnection solution on the market. It supports 18Gbps bandwidth with light-weight, flexible and ultra-small long-term bending radius (10mm) hybrid cable. With our advanced optical engine embedded. This DP to HDMI Hybrid Cable provides full DP to HDMI signal integrity, support up to 60m maximum length, plug and play. No external power required.

__Remarks__: This is a uni-directional cable. Please ensure correct connection with connector ends labelled with "➔ to source" and "to display➔".
The cable will not be damaged, nor will it cause the connected devices to be damaged, due to wrong connection.

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Features:

- Up to 60m Maximum Length.(Custom Length Available)
- Low Power Consumption: <0.5W each end
- Plug and Play.
- Compatible with HDMI 2.0 standard.
- Support HDCP.
- Self-detecting function for EDID information
- No loss of signal – delivering crystal clear digital images instantly.
- Supports computer resolutions to 1080P and 4K2K(60P).
- Hybrid optical cable with fiber and copper wire

Applications:

- Digital Signage
- LED signboards in streets and in stadiums
- Medical Imaging Equipment
- Airplane On-board Video System
- Home Theater
- Blue-ray, 3D video, Projector, Set-up box, DVR, Game Consoles and Computer
- TV Broadcast Station
- Conference Room Video Equipment
- Security systems

Absolute Maximum Rating

Parameter	Symbol	Min	Max	Unit
Power Supply Voltage	VCC	3.0	3.3	V
Operating Temperature	Top	0	50	°C
Storage Temperature	Ts	-40	70	°C
Relative Humidity	Hs	10	80	%RH

Recommended Operating Conditions

Model   : ATZ AOC-DP1.4-HDMI2.0-xxM (xx=length)
Description : DP 1.4 to HDMI2.0 Active Optical Cable, 4K@60Hz, 18Gbps
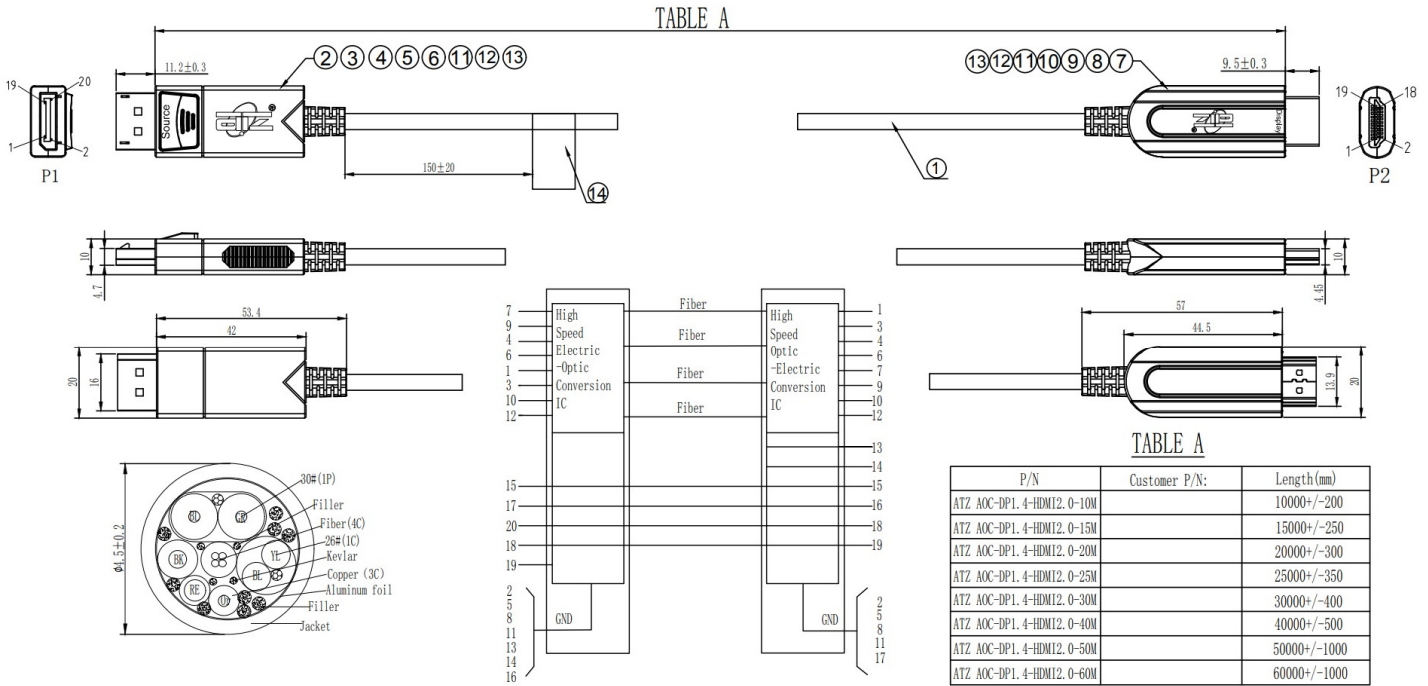   (10m/20m/30m/40m/50m/60m)

Parameter	Symbol	Min	Typical	Max	Unit
Power Supply Voltage	VCC	3.0	3.3	3.4	V
Operating Temperature	Top	0		50	°C

Specifications:

Units	Transmitter (Source)	Receiver (Sink)
HDCP & DDC	HDCP 2.3 Fully Support bi-directional EDID and HDCP communication	
Video Bandwidth	18Gbps/ 6Gbps x 3 Channel (max)+ Clock.	
Supported Resolution & Distance	PC: WUXGA 1920 x 1200 up to 60meters, HDTV: 480p, 720p, 1080i and 1080p deep colour, 4K(60P), 3DFull HD 1920 x 1080 up to 60 meters	
O/E Converter	4 channel 850 nm VCSEL array	4 CH GaAs PD array
Connector Type	Source : DP A Type ; Display :HDMI type A	
Cable Type	Hybrid type with OM3 fiber and copper wire	
Cable Length	10m/15m/20m/30m/40m/50m/60m (with +/-30cm tolerance) Custom length available.	
Cable Shielding	double layer aluminum foil	
Cable wire filling	Reinforced with Kevlar (Imported DuPont)	
Cable tension force	24kg	
Cable Outer Diameter	4.5mm	
Shell	Zinc Alloy	
Power supply	No external power supply required, plug and play	
Support	HDCP 2.3/HDR10/EDID/CEC/DDC/ARC/3D	
Compliants	RoHS 2.0 & REACH compliant	
Cable Weight TBD	Cable Weight TBD	
Cable Colour TBD	Cable Colour TBD	
Differential Input	100 ohm (type)	
Power Consumption	<0.5W each end	
Power Supply	Non external power required	

Model : ATZ AOC-DP1.4-HDMI2.0-xxM (xx=length)
Description : DP 1.4 to HDMI2.0 Active Optical Cable, 4K@60Hz, 18Gbps
(10m/20m/30m/40m/50m/60m)

Product Diagram:

TABLE A

P/N	Customer P/N:	Length(mm)
ATZ AOC-DP1.4-HDMI2.0-10M		10000+/-200
ATZ AOC-DP1.4-HDMI2.0-15M		15000+/-250
ATZ AOC-DP1.4-HDMI2.0-20M		20000+/-300
ATZ AOC-DP1.4-HDMI2.0-25M		25000+/-350
ATZ AOC-DP1.4-HDMI2.0-30M		30000+/-400
ATZ AOC-DP1.4-HDMI2.0-40M		40000+/-500
ATZ AOC-DP1.4-HDMI2.0-50M		50000+/-1000
ATZ AOC-DP1.4-HDMI2.0-60M		60000+/-1000

Package contents:

1x Displayport to HDMI AOC cable

Waranty: 2 Years

Warranty is effective from the date of original delivery.
This warranty shall be void if a serial number has been removed from the product.