Model: ATZ DP1.4-MM-xM (x = Length: 1 / 2 / 3 / 5)

Description: DisplayPort 1.4 Cable 8K 60Hz w/Gold plated conn (Length: 1m / 2m / 3m / 5m)

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Displayport Male Displayport Male

This ATZ DisplayPort 1.4 HBR3 8K cable enables the connection of your DisplayPort supported (Gaming) PC or Laptop to an (Ultra) High Resolution Monitor or other DisplayPort supported device such as computers, graphics cards, monitors, projectors, docking stations, and gaming systems.

DisplayPort 1.4 incorporates advanced technologies such as Display Stream Compression (DSC) 1.2a, High Dynamic Range (HDR), Adaptive Sync, and Multi-Stream Transport (MST), making it ideal for gaming, professional content creation, and multi-monitor environments. The cable is backward compatible with previous DisplayPort versions, ensuring broad compatibility across devices.

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It supports many types of electronic equipment such as PS4, Xbox, PC, computer, VR, laptop, HD player, Monitor, projector. And it can be applied to many multimedia systems such as home theater, office videoconferencing, multimedia education, security monitoring, transmission television control system, terminal information release system, medical imaging system.

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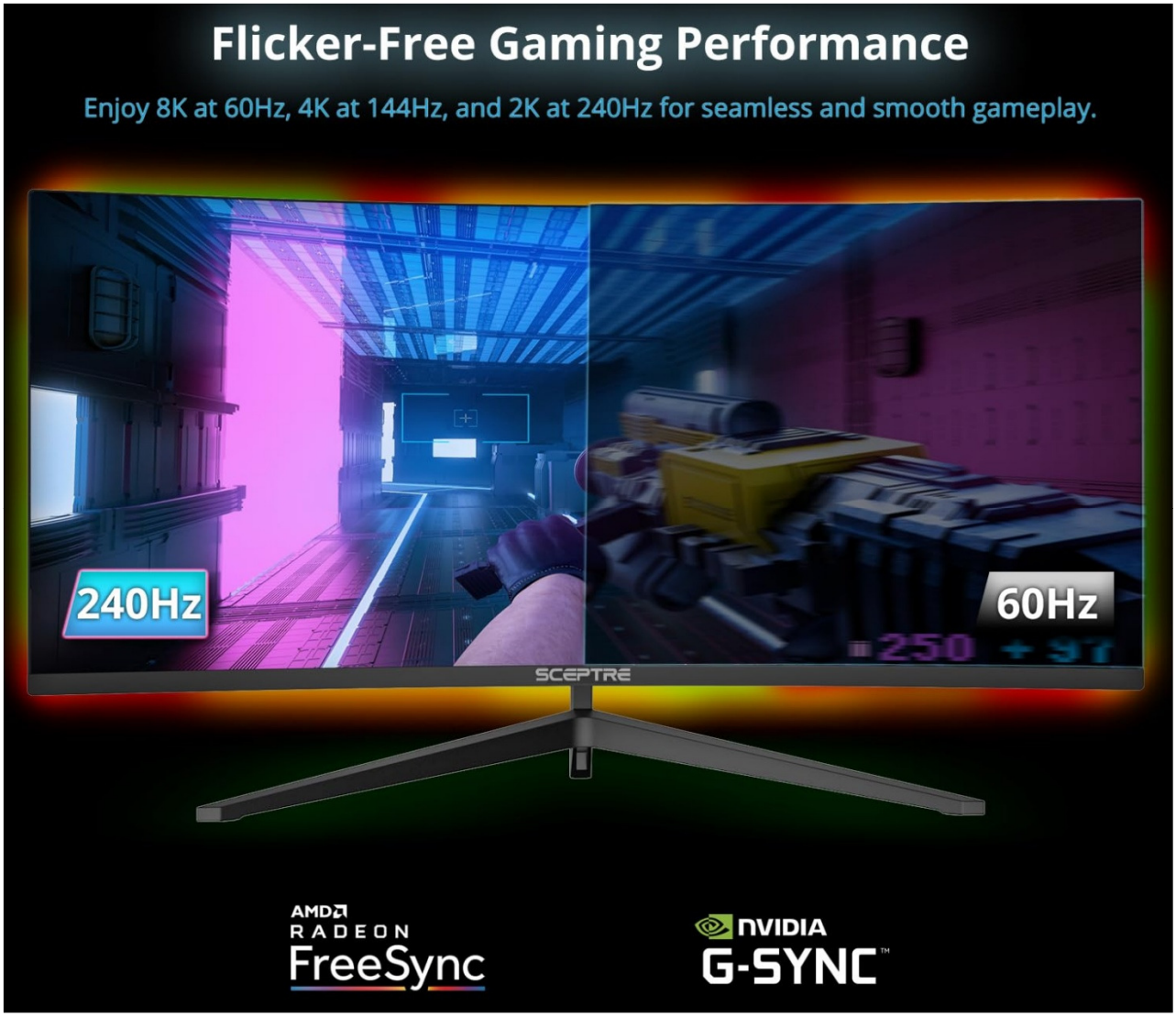
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Features:

- DisplayPort 1.4 support for high-bandwidth HBR3, 32.4Gbps bandwidth, DSC 1.2 display stream compression, FEC forward error correction, and 32 audio channels
- VIDEO RESOLUTION support up to 8K (7680x4320) @60Hz with DSC
- Support for a multi-monitor configuration with displays equipped with a DP out port; work perfectly for your Docking station, Display port Switch, Display port Splitter, DisplayPort MST Hub
- DisplayPort 1.4 also enables the simultaneous use of two 4K UHD monitors, each with a pixel resolution of up to 3840 x 2160. Gamers who prefer high refresh rates and high resolutions aren't forgotten; DP 1.4 can also drive "deep color" 144Hz/120Hz 4K panels. If you have a need for high-definition, 32-channel audio, DP 1.4 also has you covered
- HDR10 support for enhanced contrast and color accuracy
- Supports high refresh rates and Adaptive Sync
- Provides sufficient bandwidth for many virtual reality headsets
- Works with DisplayPort 1.3, 1.2, 1.1, and earlier standards
- Bi-Directional Audio and Video cable
- Come with detachable Ferrite core to eliminate EMF interference improving signal reliability
- Triple foil & braid shielding, bare copper conductors and gold-plated connectors provide both superior cable performance and reliable connectivity



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Specifications:

Standard	DisplayPort 1.4a
Connector Types	DisplayPort male to DisplayPort male
Conductor Material	Bare Copper
Connector Plating	Gold-Plated Contacts
Shielding	Triple Shielded Construction
Ferrite Core	Detachable Ferrite Core
Max. Raw Link Bandwidth	32.4 Gbps
Max. Effective Data Bandwidth	25.92 Gbps
Number of Lanes	4
Max. Lane Rate	8.1 Gbps per lane
Signaling Rate	HBR3
Max. Resolution (without DSC)	5120 × 2880 @ 60 Hz (5K)
Max. Resolution (with DSC)	7680 × 4320 @ 60 Hz (8K)
Display Stream Compression	DSC 1.2a Support
4K Support	Up to 120 Hz (uncompressed), Up to 144 Hz with DSC
HDR Support	HDR10, Static & Dynamic HDR Metadata
Forward Error Correction (FEC)	Supported
Adaptive Sync	Supported (AMD FreeSync, VESA Adaptive-Sync)
Multi-Stream Transport	MST Daisy-Chaining Supported
HDCP Support	HDCP 2.2
Audio Support	Up to 32 channels, 1536 kHz, 24-bit
Colour Depth	Up to 16 bits per colour (48-bit RGB)
Chroma Subsampling	RGB, YCbCr 4:4:4, 4:2:2, 4:2:0
Backward Compatibility	Compatible with DP 1.3, 1.2, 1.1, and 1.0 devices
Operating Temperature	-20°C to +80°C
Withstanding Voltage	DC 300V / 10ms
Contact Resistance	5Ω (max.)
Insulation Resistance	5MΩ (min.)



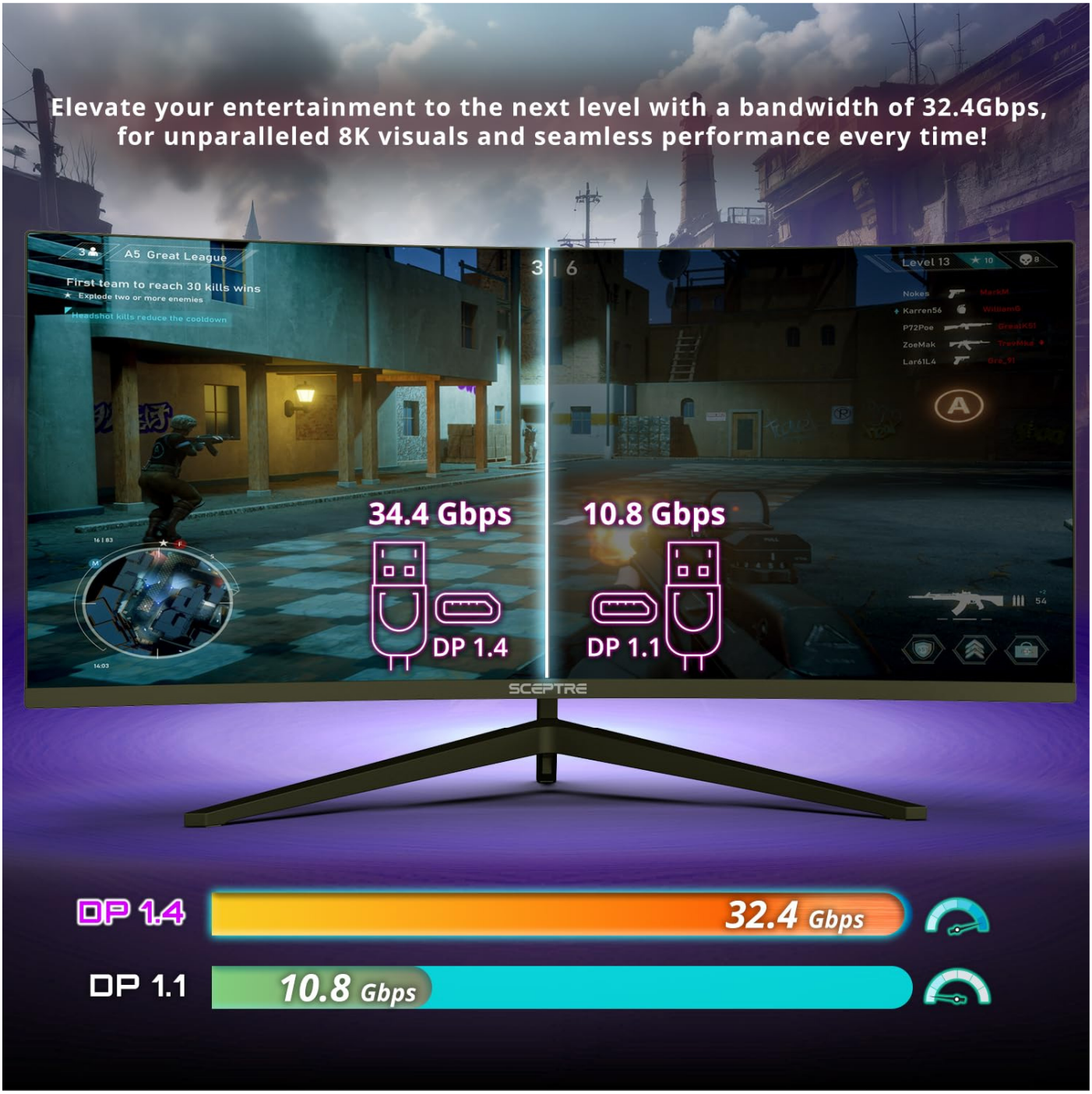
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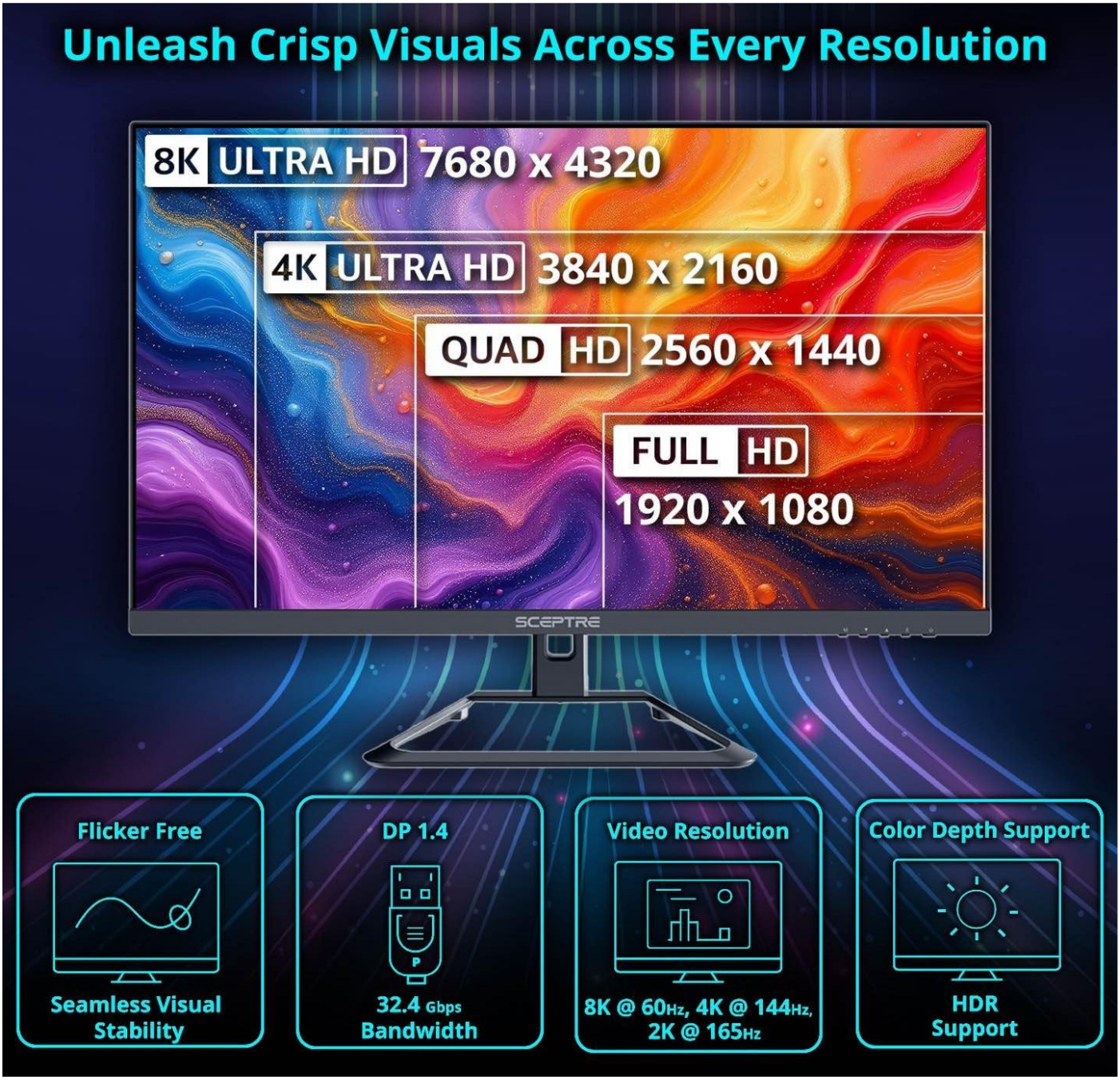
Description: DisplayPort 1.4 Cable 8K 60Hz w/Gold plated conn (Length: 1m / 2m / 3m / 5m)

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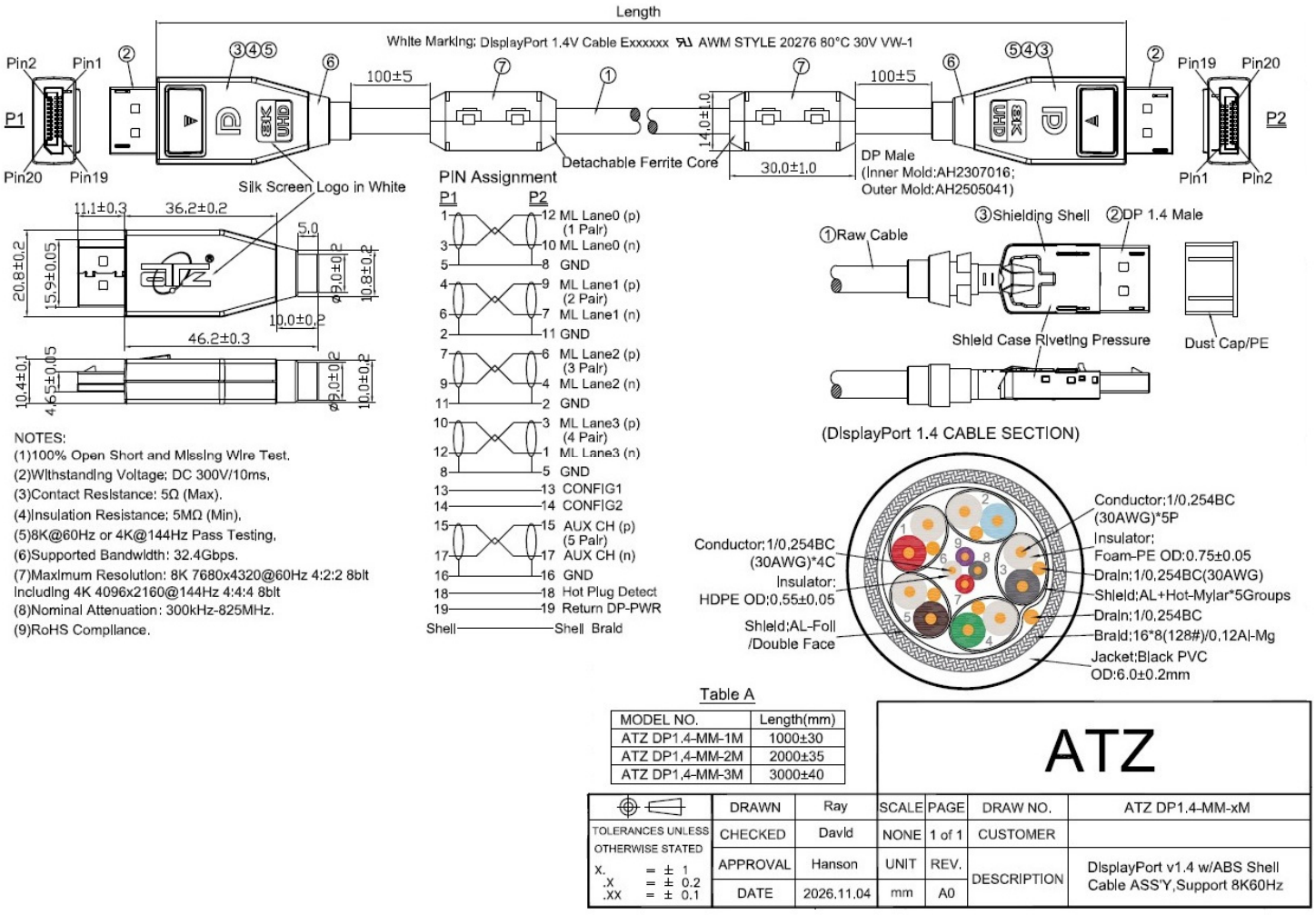
Model: ATZ DP1.4-MM-xM (x = Length: 1 / 2 / 3 / 5)

Description: DisplayPort 1.4 Cable 8K 60Hz w/Gold plated conn (Length: 1m / 2m / 3m / 5m)

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Product Diagram:

For 1m to 3m length



NOTES:
(1)100% Open Short and Missing Wire Test.
(2)Withstanding Voltage: DC 300V/10ms.
(3)Contact Resistance: 5Ω (Max).
(4)Insulation Resistance: 5MΩ (Min).
(5)8K@60Hz or 4K@144Hz Pass Testing.
(6)Supported Bandwidth: 32.4Gbps.
(7)Maximum Resolution: 8K 7680x4320@60Hz 4:2:2 8bit Including 4K 4096x2160@144Hz 4:4:4 8bit
(8)Nominal Attenuation: 300kHz-825MHz.
(9)RoHS Compliance.

Table A

MODEL NO.	Length(mm)
ATZ DP1.4-MM-1M	1000±30
ATZ DP1,4-MM-2M	2000±35
ATZ DP1,4-MM-3M	3000±40

ATZ

TOLERANCES UNLESS OTHERWISE STATED X. = ± 1 .X = ± 0.2 .XX = ± 0.1	DRAWN	Ray	SCALE	PAGE	DRAW NO.	ATZ DP1.4-MM-xM
	CHECKED	David	NONE	1 of 1	CUSTOMER	
	APPROVAL	Hanson	UNIT	REV.	DESCRIPTION	DisplayPort v1.4 w/ABS Shell Cable ASS'Y,Support 8K60Hz
	DATE	2026.11.04	mm	A0		

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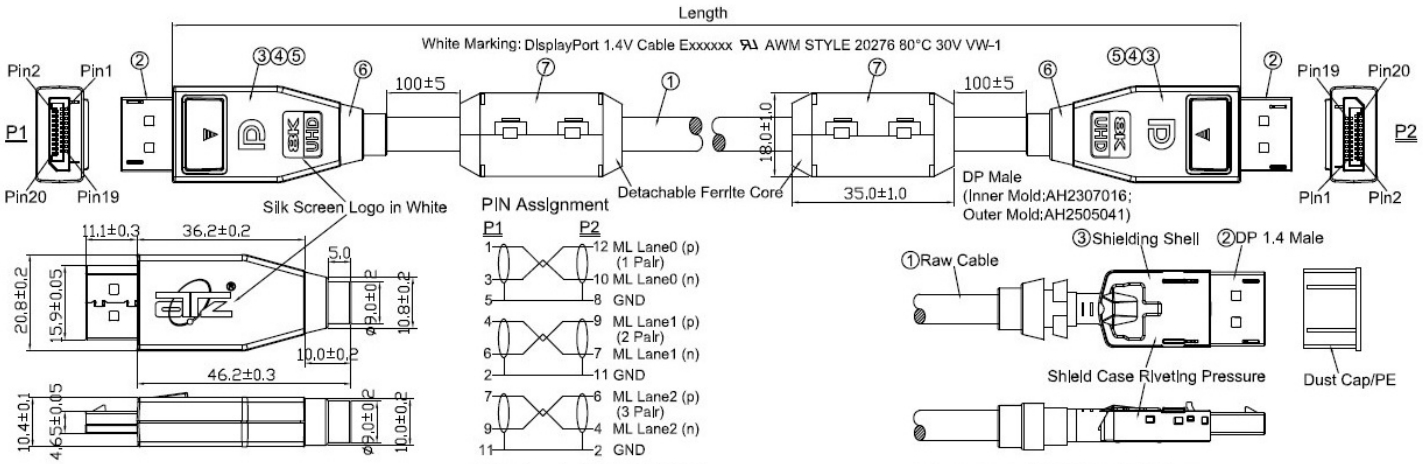
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Model: ATZ DP1.4-MM-xM (x = Length: 1 / 2 / 3 / 5)

Description: DisplayPort 1.4 Cable 8K 60Hz w/Gold plated conn (Length: 1m / 2m / 3m / 5m)

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For 5m Length



NOTES;
(1)100% Open Short and Missing Wire Test.
(2)Withstanding Voltage: DC 300V/10ms.
(3)Contact Resistance: 5Ω (Max).
(4)Insulation Resistance: 5MΩ (Min).
(5)8K@60Hz or 4K@144Hz Pass Testing.
(6)Supported Bandwidth: 32.4Gbps.
(7)Maximum Resolution: 8K 7680x4320@60Hz 4:2:2 8bit
Including 4K 4096x2160@144Hz 4:4:4 8bit
(8)Nominal Attenuation: 300kHz-825MHz.
(9)RoHS Compliance.

PIN Assignment

P1	P2	
1	12	ML Lane0 (p) (1 Pair)
3	10	ML Lane0 (n)
5	8	GND
4	9	ML Lane1 (p) (2 Pair)
6	7	ML Lane1 (n)
2	11	GND
7	6	ML Lane2 (p) (3 Pair)
9	4	ML Lane2 (n)
11	2	GND
10	3	ML Lane3 (p) (4 Pair)
12	1	ML Lane3 (n)
8	5	GND
13	13	CONFIG1
14	14	CONFIG2
15	15	AUX CH (p) (5 Pair)
17	17	AUX CH (n)
16	16	GND
18	18	Hot Plug Detect
19	19	Return DP-PWR
Shell	Shell	Braid

(DisplayPort 1.4 CABLE SECTION)

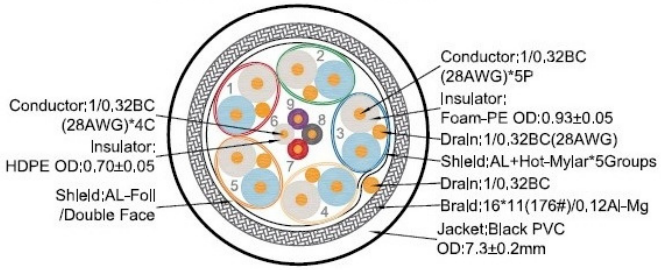


Table A

MODEL NO.	Length(mm)
ATZ DP1.4-MM-5M	5000±50

ATZ

TOLERANCES UNLESS OTHERWISE STATED X. = ± 1 .X = ± 0.2 .XX = ± 0.1	DRAWN	Ray	SCALE	PAGE	DRAW NO.	ATZ DP1.4-MM-5M
	CHECKED	David	NONE	1 of 1	CUSTOMER	
	APPROVAL	Hanson	UNIT	REV.	DESCRIPTION	DisplayPort v1.4 w/ABS Shell Cable ASS'Y,Support 8K60Hz
	DATE	2026.11.04	mm	A0		

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Product Picture:

Come with Detachable Ferrite Core



Without Ferrite core



With Ferrite Core



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ATZ DP1.4-MM-1M



ATZ DP1.4-MM-2M



ATZ DP1.4-MM-3M



ATZ DP1.4-MM-5M

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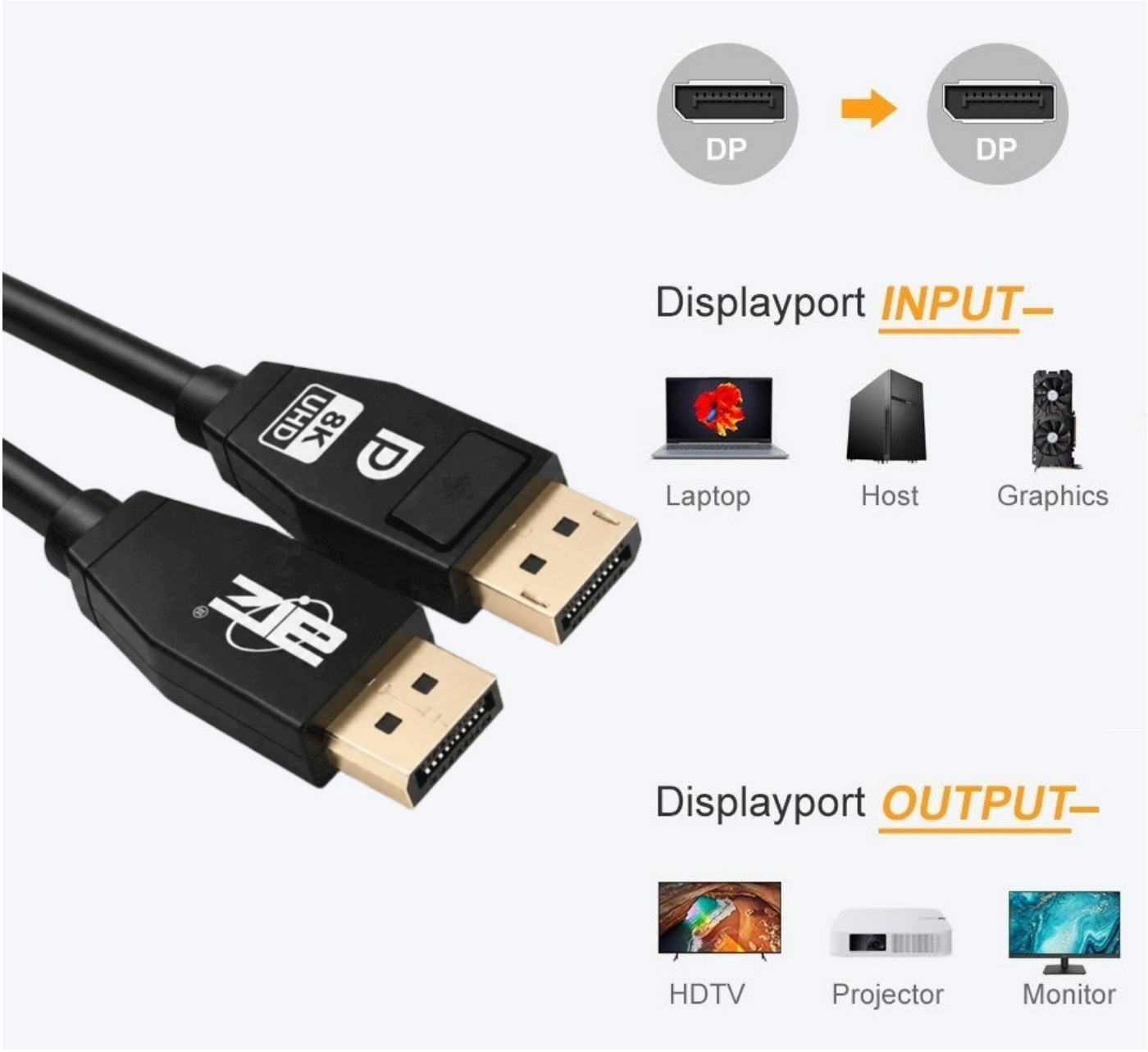
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Application Diagram:



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Package Contents:

1 x ATZ DP1.4-MM-xM (x = Length: 1 / 2 / 3 / 5)

Warranty: 3 Years

Warranty is effective from the date of original delivery.

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