

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

**Description** : Mini DisplayPort v1.4 Cable 8K@60Hz, 4K@144Hz  
(Length: 2m / 3m / 5m)



This ATZ Mini DisplayPort (mDP) v1.4 Cable is designed to delivery ultra-high definition 8K video resolution and crystal-clear audio signal over Mini DP source (laptop or tablet) to Mini DP display (TVs/Monitors/Projectors).

This mDP cable is best use in professional AV setup, offices, home gaming, and home theatre.

This cable can display up to 8K@60Hz with DSC, 4K@144Hz, 4K@120Hz, 2K@240Hz, 2K@165Hz, 1080P/240Hz with high-speed bandwidth reaches up to 32.4Gbp

Stable bi-directional signal transmission, it can support amazing sound and image quality, and an end to screen flickering. Suitable for mirrored or extended modes.

This mDP 8K Cable is also compatible to Thunderbolt port devices eg Macbook Pro, Macbook Air, Surface Pro, Mac Mini, and other Mini DisplayPort equipped devices to Mini DP display.

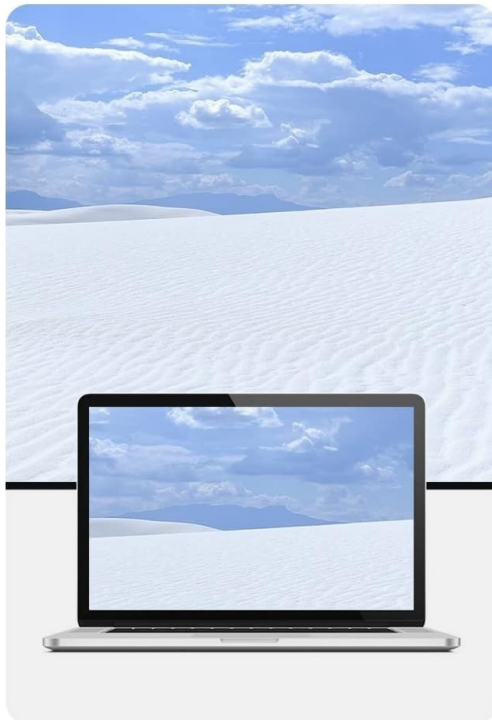
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## Features:

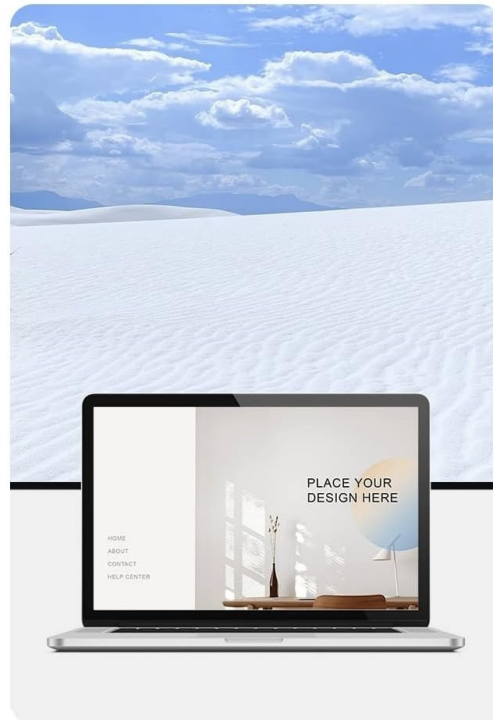
- Compliant with DP 1.4 standard.
- Backward compatible with older DisplayPort versions (1.2, 1.3)
- Supports high video resolution up to 8K@60Hz with DSC, 4K@144Hz, 4K@120Hz, 2K@240Hz, 2K@165Hz, 1080P/240Hz
- Supports Bandwidth up to HBR3 (High Bit Rate 3) and 32.4Gbps
- Allows Multi-Stream Transport (MST) for daisy-chaining monitors
- Support 32 channel enhanced audio support
- Supports ALLM, VRR, QMS, QFT, Free Sync, G Sync for gaming setups and experience
- Supports HDR10, DSC, HDCP 2.3 and FEC
- Stable bi-directional signal transmission
- Support Mirror or Extended Mode display
- 24k Gold Plated Connector and Triple Shielding protects against EMI interference, guarantees secure, noise-free, high-speed data transmission
- Easy Plug and play

## Display Modes Available



### Mirror Mode

Show the same pictures,  
enjoy large screen video/image



### Extended Mode

Show different pictures,  
work and play at the same time

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## Specifications:

Connector A	Mini DisplayPort
Connector B	Mini DisplayPort
DisplayPort Version	DP 1.4
Gender	Male to Male
Resolution support	Up to 8K 7680x4320@60Hz, 4:2:2 8 bits 4K 4096x2160@144Hz, 4:4:4 8bits 4K@120Hz, 2K@240Hz, 2K@165Hz, 1080P/240Hz, etc
Bandwidth speed	Up to 32.4Gbps
Audio support	Enhanced 32 audio channels
Video support	HDR10, DSC, HDCP 2.3 and FEC
Connector	24k Gold Plated
Conductor	Copper
Jacket	Black PVC
OD	5.0mm ± 0.15mm
Shielding	Triple Layer Shielding
Wire Gauge	32 AWG



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**Note:**

- 1) This is not a Thunderbolt cable.
- 2) Does not carry power like Thunderbolt 2 and above. Use for video transmission only.



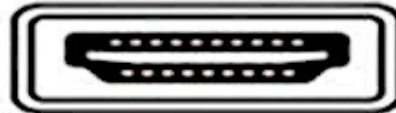
**Mini DisplayPort**



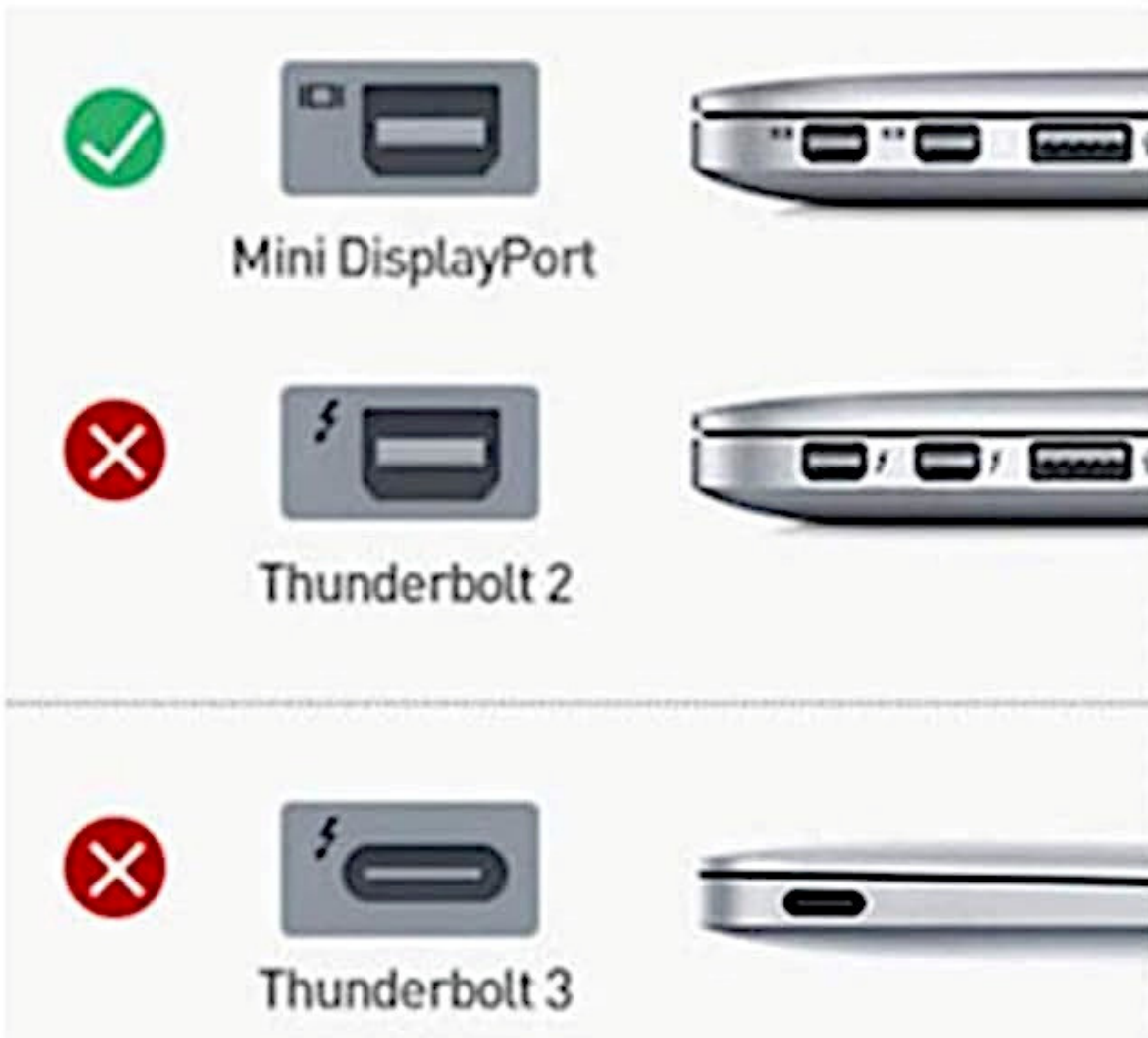
**USB Type-C**



**DisplayPort**



**HDMI**



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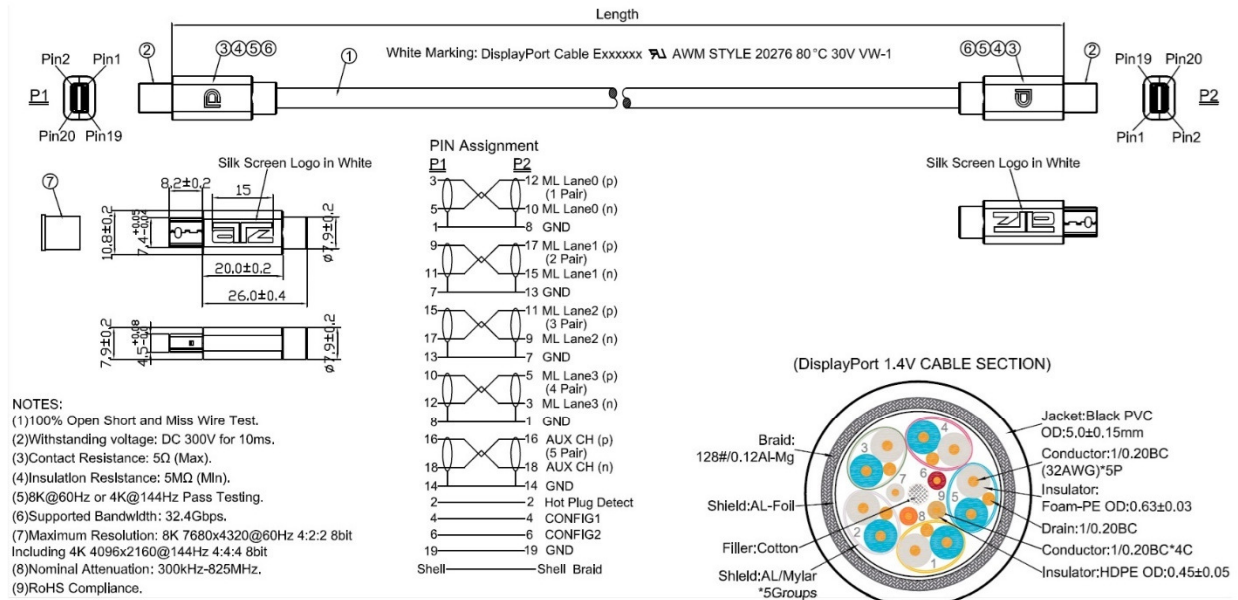
## Product Picture:



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## Cable Drawing:



NO.	ITEM	SPECIFICATION	Q'TY
7	Dust Cap	LDPE Natural	2pcs
6	Outer Mold	55P PVC Molding/Black	N/A
5	Inner Mold	LDPE Natural	N/A
4	mDP Shield Case	Upper/Down Two Pieces Tinplate Shield Case, Nickel Plated(OD5.0)	2set
3	Copper Foil	Double Face Copper Foil;W4*L30mm	2pcs
2	Mini DP Male	Mini DP 20Pin Male, Black Insulation, Contacts Gold Plated, Stainless Steel Shell Gold Plated without Latches	2pcs
1	Raw Cable	32AWG DisplayPort 1.4V Cable/UL20276/Black PVC OD:5.0±0.15mm {[(1/0.20BC+Foam-PE OD:0.63mm)*1P+1/0.20BC +AL/Mylar]*5P+(1/0.20BC+HDPE OD:0.45mm)*4C +Filler/Cotton+AL+128#/0.12Al+Black PVC OD:5.0mm}	Table A

MODEL NO.	Length(mm)
ATZ MINI DP1.4-MM-2M	2000±35
ATZ MINI DP1.4-MM-3M	3000±40
ATZ MINI DP1.4-MM-5M	5000±50

SCALE		PAGE		DRAW NO.		ATZ MINI DP1.4-MM-xM	
TOLERANCES UNLESS OTHERWISE STATED	CHECKED	Ray	DAVID	NONE	1 of 1	CUSTOMER	
X. = ± 1	APPROVAL	Hanson	UNIT	REV.	DESCRIPTION	Mini DisplayPort v1.4 to Mini DisplayPort 8K Cable	
.X = ± 0.2	DATE	2025.05.08	mm	A0			
.XX = ± 0.1							

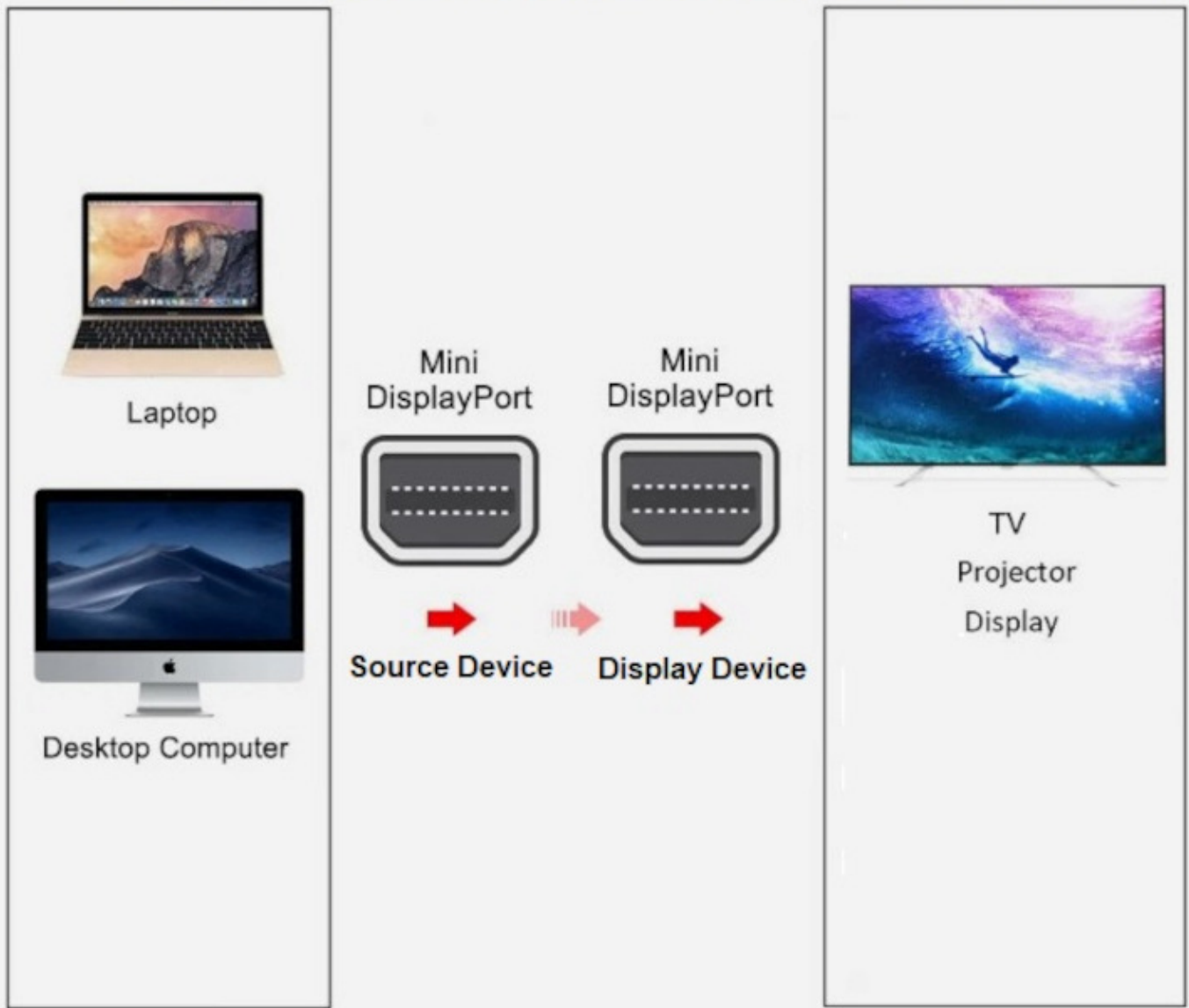
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## Application Diagram:

# Universal Compatibility Plug & Play

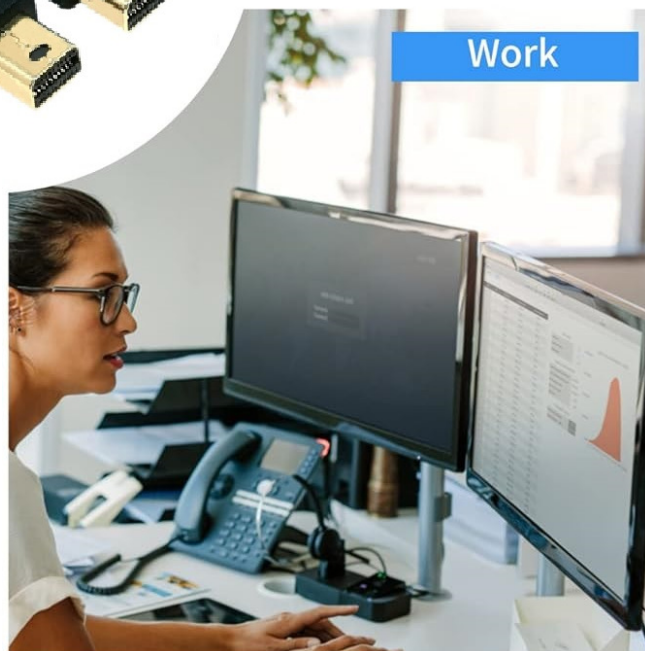
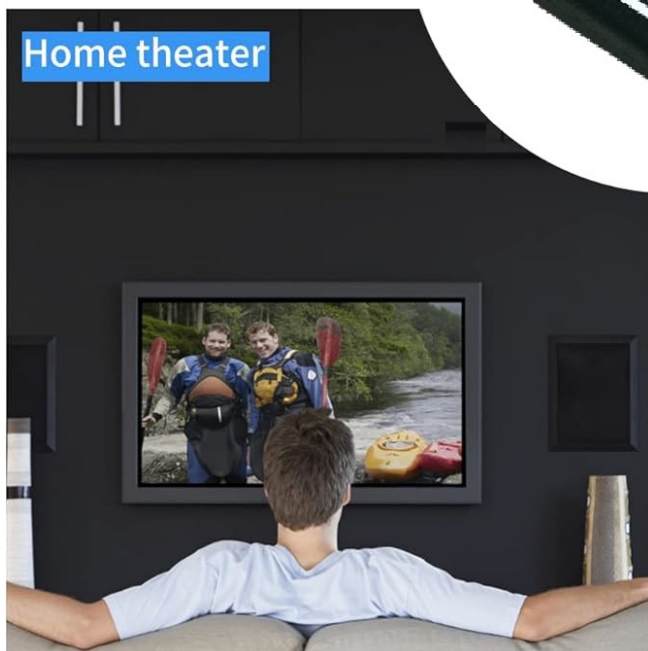
Connect a Mini DP compatible Laptop / Computer to a Mini DP equipped display device.



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# Suitable for Various Occasions



## Package Contents :

1 x ATZ Mini DisplayPort v1.4 Cable 8K@60Hz, 4K@144Hz (2m / 3m / 5m)

## Warranty: 3 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.