

# DISPLAYPORT V1.2 CABLES

## MALE DISPLAY PORT TO MALE DISPLAY PORT CABLES

Legend's DisplayPort cables support all the features of the DisplayPort 1.2 specification, including:

- 4K x 2K resolution
- 3D: 2560 x 1600 @ 120Hz
- Deep colour: 30 colour bits per pixel (up to 4K x 2K @ 60Hz)
- 21.6 Gb per second effective data rate
- Multi Stream: connect up to four 1080P monitors

These DisplayPort cables are perfect for the home and office, whether you are using them for gaming, virtual modelling, medical imaging, digital signage or simply to connect a device that doesn't have any other outputs, these cables will allow you to take full advantage of all the features DisplayPort provides.

### 4K x 2K resolution

Enjoy your desktop, media, television, and gaming in brilliant Ultra HD.

### 3D: 2560 x 1600 @ 120Hz

DisplayPort v1.2 also includes improved support for Full HD 3D Stereoscopic displays, life-like motion using up to 240 frames-per-second in full HD, providing 120 frames-per-second for each eye.

### Deep Colour

DisplayPort v1.2 offers support 30 for colour bits per pixel for 4K x 2K at 60Hz, providing the highest performance available from a single video connector

### 21.6Gb per second data rate

DisplayPort v1.2 greatly increases performance by doubling the maximum data transfer rate from 10.8 Gbps to 21.6 Gbps, greatly increasing display resolution, colour depths, refresh rates, and multiple display capabilities.

This enables the use of multiple monitors connected by cable in a daisy chain or hub configuration.

### Multi Stream

DisplayPort v1.2 supports "multi-streaming" - the ability to transport multiple independent uncompressed display and audio streams over a single cable, supporting protected content and high performance applications such as 3D gaming. This enables the use of multiple monitors connected by cable in a daisy chain or hub configuration.

**NOTE:** to take advantage of all the new features that v1.2 introduces, the devices (eg PC, Laptop, etc) must also support DisplayPort v1.2. Refer to the hardware manufacturer for details.



**Specification**

**Connector A**

- Type: 20 pin Male
- Terminals: Gold Plated

**Connector B**

- Type: 20 pin Male
- Terminals: Gold Plated

	1M	2M	3M	5M	10M
Conductor Size	30 AWG	30 AWG	30 AWG	28 AWG	28 AWG
Outer Diameter mm (nominal)	7.3 +/-0.2	7.3 +/-0.2	7.3 +/-0.2	7.3 +/-0.2	7.3 +/-0.2
Jacket Material	PVC				

Part No	Length	Max Resolution				
		1 Screen	2 Screens	3 Screens	4 Screens	5 Screens
HMDPMM1	1	Ultra HD 4K (3840x2160)				
HMDPMM2	2	Ultra HD 4K (3840x2160)				
HMDPMM3	3	Ultra HD 4K (3840x2160)				
HMDPMM5	5	WUXGA				
HMDPMM10	10	Full HD 1080P				

@ 30 bits per pixel 60Hz

Acronym	Resolution
Ultra HD 4K	4096 x 2160
WQXGA	2560 x 1600
WUXGA	1920 x 1200
Full HD 1080P	1920 x 1080
WSXGA+	1680 x 1050

**Ordering Information**

Part No.	Length
HMDPMM1	1 metre
HMDPMM2	2 metre
HMDPMM3	3 metre
HMDPMM5	5 metre
HMDPMM10	10 metre



**Also Available:**

**Mini DisplayPort to DisplayPort Cables:**

Part No.	Length
H40MDPMM1	1 metre
H40MDPMM2	2 metre
H40MDPMM3	3 metre
H40MDPMM5	5 metre



**DisplayPort to HDMI, DVI, VGA adaptors:**

Part No.	Length
HADDPMHDMIF	Male DisplayPort to Female HDMI
HADDPMDVIF	Male DisplayPort to Female DVI
HADDPMVGAF	Male DisplayPort to Female VGA