

## MINI DISPLAYPORT TO DISPLAYPORT (V1.4/8K@30) CABLE, 30AWG, GOLD



<b>Lengths Available:</b>	15ft,		
<b>Colors Available:</b>			
<b>Part Numbers this model:</b>	FE-MDP14-15,		
<b>Sales Category:</b>	Display Port and Mini-Display Port	<b>Wire Gauge (AWG):</b>	30 AWG
<b>Connector A:</b>	Mini DisplayPort Male	<b>Specification:</b>	
<b>Connector B:</b>	Mini DisplayPort Male	<b>Number Ports:</b>	N/A
<b>Export Tariff Code (HST):</b>	8544422000	<b>Transfer Rate:</b>	
<b>Feature / Style:</b>		<b>Images Length/Size Shown:</b>	15 FT
<b># Positions:</b>		<b>Shielding:</b>	Double Shi
<b>Convert From/To:</b>		<b>Type:</b>	

DisplayPort version 1.4 was approved in March of 2016. DisplayPort v1.4 offers dazzling resolutions up to 8K@30Hz, with support also for 4K@120Hz, and of course previous v1.2 resolutions and features. This standard increases overall transmission bandwidth to 32.4 Gbit/s with the new HBR3 mode featuring 8.1 Gbit/s per lane (up from 5.4 Gbit/s with HBR2 in version 1.2), for a total data throughput of 25.92 Gbit/s after factoring in 8b/10b encoding overhead. This bandwidth is enough for a 4K UHD display (3840 x 2160) at 120 Hz with 24 bit/px RGB color, a 5K display (5120 x 2880) at 60 Hz with 30 bit/px RGB color, or an 8K UHD display (7680 x 4320) at 30 Hz with 24 bit/px RGB color. DisplayPort 1.4 adds support for Display Stream Compression 1.2 (DSC) and extends the maximum number of inline audio channels to 32.

Resolutions actually obtained will be dependent on quality of source output and display input. Not all device hardware will support these resolutions. Support to 8K@30Hz may be limited to 6ft maximum cable length

## **Specifications and Features**

- Supports DP v1.4
- Connectors: Mini DisplayPort to DisplayPort
- Resolution support to 4K@60Hz
- HBR3 (High Bit Rate 3): 8.10 Gbit/s per lane (Might not be achievable at this length)
- Maximum Total Bandwidth: 32.40 Gbit/s (Might not be achievable at this length)
- Maximum Total Data Rate (Sustained): 25.92 Gbit/s (Might not be achievable at this length)
- ITU-R BT.2020 Support
- Audio: Sample Rate - 1536 kHz / 24bits / 32channels (Might not be achievable at this length)
- 30AWG
- Color: Black