



## C-DPU

8K DisplayPort Cable

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C-DPU is a high-resolution DisplayPort cable for video signals up to 8K@60Hz resolution (7680 × 4320) supporting the DisplayPort 1.4 standard. C-DPU supports an HBR3 (High Bit Rate 3) bandwidth of up to 32.4 Gbps (8.1 Gbps per channel). The cable is triple shielded for superior noise immunity

## FEATURES

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- High-Performance Professional Cable - supports resolutions up to 8K@60Hz and an HBR3 (High Bit Rate 3) bandwidth of up to 32.4 Gbps
- Content Protection Support - DPCP (DisplayPort Content Protection) and HDCP 2.2
- Daisy Chain Multiple Monitors - With MST (Multi-Stream) support
- Display Stream Compression 1.2-DSC
- Secure Connections - Includes molded DisplayPort connectors with latches
- Quality Construction - Triple shielded for superior noise immunity
- Backward Compatibility - Compatible with DisplayPort 1.2 and 1.1
- Varied Selection of Lengths - Available in versions of 0.9 to 3.0m (3 to 10ft)



## TECHNICAL SPECIFICATIONS

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|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video                                        | Resolutions: Supports all VESA resolutions up to 8K@60Hz<br>Max. Data Rate: 32.4Gbps (8.1 Gbps per channel)                                                                                                                                                                                                                                  |
| PHYSICAL                                     | Male DisplayPort Connectors: Gold plated pins–15u, nickel plated shell                                                                                                                                                                                                                                                                       |
| SCREENING                                    | Type: Triple Shielding (eliminates RF and EM interference)                                                                                                                                                                                                                                                                                   |
| CONDUCTORS                                   | Size 28AWG                                                                                                                                                                                                                                                                                                                                   |
| JACKET                                       | Material: PVC<br>Diameter $7.3 \pm 0.19\text{mm}$<br>Average Thickness 0.77mm<br>Color: Black                                                                                                                                                                                                                                                |
| ELECTRICAL                                   | Voltage Rating: 30V<br>Temperature Rating: 80°C<br>Dielectric Strength: AC — 750V/1sec MIN<br>Insulation Resistance: FOAM–SKIN–PE,PE:DC–500V 100 M $\Omega$ /KM MIN. at 20°C<br>Conductor Resistance: 237.3 $\Omega$ /KM MAX. at 20°C<br>Differential Impedance: 100 $\pm$ 5 $\Omega$<br>Intra Pair Skew: 50ps/4m<br>Inter Pair Skew: 2ns/4m |
| Regulatory Compliance (Standards Compliance) | Rating: VW–1<br><br>RoHS: 2                                                                                                                                                                                                                                                                                                                  |



## CONFIGURATIONS

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| C-DPU-3  | 8K DisplayPort Cable |
| C-DPU-6  | 8K DisplayPort Cable |
| C-DPU-10 | 8K DisplayPort Cable |