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C-DPU

8K DisplayPort Cable



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

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)



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TECHNICAL SPECIFICATIONS

Video	Resolutions: Supports all VESA resolutions up to 8K@60Hz 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 Diameter $7.3 \pm 0.19\text{mm}$ Average Thickness 0.77mm Color: Black
ELECTRICAL	Voltage Rating: 30V Temperature Rating: 80°C Dielectric Strength: AC — 750V/1sec MIN Insulation Resistance: FOAM–SKIN–PE,PE:DC–500V 100 M Ω /KM MIN. at 20°C Conductor Resistance: 237.3 Ω /KM MAX. at 20°C Differential Impedance: 100 \pm 5 Ω Intra Pair Skew: 50ps/4m Inter Pair Skew: 2ns/4m
Regulatory Compliance (Standards Compliance)	Rating: VW–1 RoHS: 2



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CONFIGURATIONS

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