

DigitalMedia™ Ultra Patch Cable

- > Fully-shielded CAT6a patch cable
- > Unique PCB-based RJ45 plug design
- > 360 degree shield coverage
- > Low-profile, snag-resistant boot design
- > Robust strain and bend relief
- > Cantilevered latch for enhanced accessibility
- > High-performance CAT7 S/FTP stranded cable
- > Alien crosstalk preventive construction
- > Ultimate performance for 10GBase-T Ethernet, HDBaseT®, and Crestron® DM 8G+®
- > Sold in eight lengths from 1.5 to 50 ft (0.45 to 15 m)
- > 100% factory tested

The DM-CBL-ULTRA-PC is a shielded CAT6a patch cable designed for use with all Crestron® DigitalMedia 8G+® (DM 8G+®) products, as well as HDBaseT® and 10GBase-T Ethernet. Using the DM-CBL-ULTRA-PC in combination with other Crestron DM® Ultra structured cabling products ensures the highest performance and reliability for distributing Ethernet data and uncompressed 4K/60 video.

The DM-CBL-ULTRA-PC is the ultimate Category 6A patch cable. Its innovative PCB-based plug design optimizes signal tuning for exceptional transmission. Advanced contact technology provides decreased variability and greater reliability over traditional crimp-type plugs. Category 7 S/FTP stranded cable is used to enable optimal transmission performance while eliminating alien crosstalk. Every DM Ultra patch cable is 100% factory tested to ensure full performance and compliance.

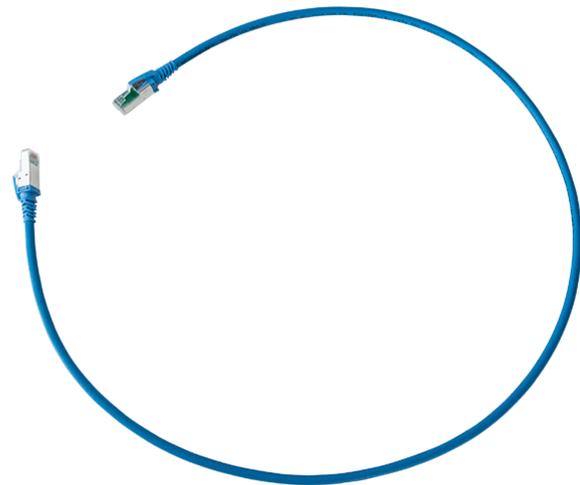
SPECIFICATIONS

Electrical

Compatibility: CAT5e, CAT6, CAT6a
Contact Resistance: 10 mΩ
Input to Output Resistance: 200 mΩ
Insulation Resistance: 500 mΩ
Dielectric Withstand Voltage: 1000 Volts DC or AC peak minimum contact to contact
Current Rating: 1.5 Amps
PoE Compatibility: IEEE 802.3at PoE & PoE+
Surface Transfer Impedance: <10 mΩ/m @ 10 MHz

Mechanical – Plug

Jack Compatibility: RJ45
Insertion Cycles: 2500 minimum
Retention Force: 50 N minimum
Tensile Strength: 20 lb minimum cable to plug



Mechanical – Cable

Construction: S/FTP
Wiring Standards: TIA/EIA T568A & T568B
Conductors: 26 AWG (0.14 mm²) 7x32 stranded tinned copper
Jacket Type: CM, LSZH
Jacket Color: Blue
Overall Outer Diameter: 0.25 in (6.35 mm) nominal
Bend Radius: 2 in (50 mm)

Mechanical – General

Plug Housing Material: Polycarbonate
Contact Materials: 50 microinches gold plating or equivalent
Plastic Materials: Flame retardant thermoplastic
Flammability Rating: UL 94V-0
Green Features: RoHS, lead-free, halogen-free, PVC free
Shielding: 360 degree coverage

Environmental

Temperature: 14° to 140° F (-10° to 60° C)

Compliance

ANSI/TIA-568-C.2, ISO/IEC 11801 Ed 2.2, IEEE 802.3an, IEEE 802.3af, IEEE 802.3at, ANSI/TIA 1096-A, IEC 60603-7-51, UL 1863 and CSA-C22.2 No. 182.4-M90, IEC 60332-1, IEC 60754, IEC 61034, Anatel Resolution No.242,2000

DM-CBL-ULTRA-PC DigitalMedia™ Ultra Patch Cable

MODELS

Available Models

- DM-CBL-ULTRA-PC-1.5: DigitalMedia™ Ultra Patch Cable, 1.5 ft (0.45 m)
- DM-CBL-ULTRA-PC-3: DigitalMedia™ Ultra Patch Cable, 3 ft (0.9 m)
- DM-CBL-ULTRA-PC-5: DigitalMedia™ Ultra Patch Cable, 5 ft (1.5 m)
- DM-CBL-ULTRA-PC-7: DigitalMedia™ Ultra Patch Cable, 7 ft (2.1 m)
- DM-CBL-ULTRA-PC-10: DigitalMedia™ Ultra Patch Cable, 10 ft (3 m)
- DM-CBL-ULTRA-PC-15: DigitalMedia™ Ultra Patch Cable, 15 ft (4.5 m)
- DM-CBL-ULTRA-PC-20: DigitalMedia™ Ultra Patch Cable, 20 ft (6 m)
- DM-CBL-ULTRA-PC-50: DigitalMedia™ Ultra Patch Cable, 50 ft (15 m)

Notes:

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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