

45-Degree Angled Connectors for DigitalMedia™ Ultra Cables, 20 Pack

- *Shielded CAT6a RJ-45 jack*
- *Compatible with the [DM-CONN-ULTRA-PLUG-20](#) Connectors for DigitalMedia™ Ultra Cables*
- *Keystone module form factor compatible with any keystone wall plate*
- *Exceeds Category 6A performance requirements*
- *Ultra-fast and reliable termination with the [DM-CRIMP-ULTRA-RECP-XA](#) termination tool (sold separately)*
- *Accommodates multiple cable diameters*
- *Automatic cable shield termination*
- *Ultimate performance for 10GBase-T Ethernet, Crestron DM 8G+®, and HDBaseT® devices*
- *Compatible with Crestron DM 8G® and DM® Ultra cables*
- *Sold in packs of 20*

The Crestron® [DM-CONN-ULTRA-RECP-XA-20](#) is a shielded CAT6a RJ-45 jack designed for use with the [DM-CONN-ULTRA-PLUG-20](#) Connectors for DigitalMedia™ Ultra Cables. The 45-degree angle termination allows cables to exit the outlet in two different directions. The termination also allows cables to enter raceways or back boxes from the side, top, or bottom. The connector fits in a standard keystone module opening and can be field-terminated in as little as 60 seconds using the [DM-CRIMP-ULTRA-RECP-XA](#) termination tool (sold separately).

Using the DM-CONN-ULTRA-RECP-XA-20 in combination with DM® Ultra cables ensures the highest performance and reliability for distributing uncompressed 4K/60 video over cable lengths up to 330 ft (100 m). It also excels for use with HDBaseT® and 10GBase-T Ethernet devices.

Specifications

Electrical

Compatible Cable Standards	CAT5e, CAT6, CAT6a (including Crestron DM 8G® and DM® Ultra cable)
Contact Resistance	20 mΩ
Input to Output Resistance	200 mΩ (single conductors) 100 mΩ (shield)
Insulation Resistance	500 mΩ
Min. Dielectric Withstand Voltage	1000 VAC contact to contact 1500 VDC contact to shield
Current Rating	1.5 A
PoE Compatibility	PoE Type 1,2,3,4 and PoH
Shielding	360 degree enclosure

Mechanical – Jack

Compatible Plug Types	RJ-45 (8-position), RJ-11 (6-position)
Insertion Cycles	2500 minimum
Retention Force	50 N (11.24 lbf) minimum

Mechanical – Terminals

Compatible Cable Constructions	S/FTP, F/FTP, F/UTP
Wiring Standards	T568A & T568B
Wire Size Range	22 to 26 AWG (0.25 to 0.14 mm ²) nominal solid; 23 to 26 AWG (0.25 to 0.14 mm ²) nominal stranded
Wire Conductor Diameter	0.026 in. (0.65 mm) maximum
Wire Insulation Diameter	0.063 in. (1.60 mm) maximum
Cable Overall Outer Diameter	0.35 in. (9 mm) maximum
Reterminations	5

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Construction

Housing Material	Zinc die cast
Contact Materials	Copper alloy, plated with 50 microinches (1.27 micron) minimum thick gold or equivalent at contact interface
Plastic Materials	Flame retardant thermoplastic
Flammability Rating	UL® listed
Green Features	RoHS, lead-free, halogen-free, PVC free

Environmental

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

Height	0.83 in. (21 mm)
Width	0.57 in. (15 mm)
Depth	1.72 in. (44 mm)

Compliance

ANSI/TIA-568-2-D, ISO/IEC 11801-1 Ed 1.0, IEEE 802.3af (Type 1), IEEE 802.3at (Type 2), IEEE 802.3bt (Type 3 and 4), IEC-61156, IEC 60603-7, UL 2043, and UL 1863

Model**DM-CONN-ULTRA-RECP-XA-20**

45-Degree Angled Connectors for DigitalMedia™ Ultra Cables

Available Accessories**DM-CRIMP-ULTRA-RECP-XA**

Termination Tool for DM-CONN-ULTRA-RECP-XA-20

DM-CONN-ULTRA-PLUG-20

Connectors for DigitalMedia™ Ultra Cables (recommended connector for the DM-CONN-ULTRA-RECP-XA-20)

DM-CONN-ULTRA-RECP-20

DigitalMedia™ Ultra Keystone RJ-45 Jack, 20-Pack w/ Termination Tool

DM-CONN-ULTRA-RECP-50

DigitalMedia™ Ultra Keystone RJ-45 Jack, 50-Pack w/ Termination Tool

DM-CBL-ULTRA-NP-SP500

DigitalMedia™ Ultra Cable, Non-Plenum Type CMR, 500 ft (152 m) spool

DM-CBL-ULTRA-NP-SP1000

DigitalMedia™ Ultra Cable, Non-Plenum Type CMR, 1000 ft (305 m) spool

DM-CBL-ULTRA-P-SP500

DigitalMedia™ Ultra Cable, Plenum Type CMP, 500 ft (152 m) spool

DM-CBL-ULTRA-P-SP1000

DigitalMedia™ Ultra Cable, Plenum Type CMP, 1000 ft (305 m) spool

DM-CBL-ULTRA-P-B-SP1000

DigitalMedia™ Ultra Cable, Plenum Type CMP, Black, 1000 ft (305 m) spool

DM-CBL-ULTRA-LSZH-SP500

DigitalMedia™ Ultra Cable, Low Smoke Zero Halogen, 500 ft (152 m) spool (Available only in Europe)

DM-CBL-ULTRA-LSZH-SP1000

DigitalMedia™ Ultra Cable, Low Smoke Zero Halogen, 1000 ft (305 m) spool (Available only in Europe)

DM-CBL-8G-P-SP500

DigitalMedia 8G™ Cable, plenum, 500 ft (152 m) spool

DM-CBL-8G-P-SP1000

DigitalMedia 8G™ Cable, plenum, 1000 ft (305 m) spool

DM-CBL-8G-NP-SP500

DigitalMedia 8G™ Cable, non-plenum, 500 ft (152 m) spool

DM-CBL-8G-NP-SP1000

DigitalMedia 8G™ Cable, non-plenum, 1000 ft (305 m) spool

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to www.crestron.com/warranty for full details.

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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