

CRESCAT-IM-P-DRN-SP1000

iMedia Cable, Low-skew CAT5e w/drain wire for iMedia and QuickMedia, plenum, 1000 ft spool

CRESCAT-IM-P-DRN is a low-skew CAT5e cable designed to provide a very low-cost, single-cable solution for wiring of Crestron iMedia systems. Just a single run of CRESCAT-IM-P-DRN is all that's required between any IM transmitter and the IM receiver of a complete iMedia system, containing all audio, RGB, control, power, and ground signals within a single plenum-rated jacket. CRESCAT-IM-P-DRN is composed of a low-skew CAT5e and 20 gauge drain wire bonded together in a "siamese" jacket. The drain wire provides an easy means for properly grounding each component of a complete iMedia system. Foot markers are printed on the outer jacket making it easy to determine the exact length of each cable run. CRESCAT-IM-P-DRN is also suitable for use in the wiring of QuickMedia-based systems.

SPECIFICATIONS

Low-skew CAT5e

(4) Twisted Pairs: Conductors: 24 AWG x8 solid bare copper;
Pair Colors: blue/white, orange/white, green/white, brown/white;
Insulation: FEP, 0.005 inch nominal thickness;
Shield: none;
Mutual Capacitance: 14 pF/ft, nominal;
Capacitance Unbalance: 330 pF/ft maximum;
Velocity of Propagation: 72%;
Conductor DC Resistance: 28.6 ohms/1000 ft maximum;
DC Resistance Unbalance: 3% maximum;
Delay Skew: 15 nS/100m maximum;
Outer Jacket: Color: Blue w/white stripe and text;
Jacket: Material: Low-smoke PVC;
Thickness: 0.018 inch;
Ripcord: yes;



Overall

Composite Construction: "Siamese" parallel extruded
Outer Diameter: 0.248 x 0.433 inch nominal

Mechanical

Maximum Tensile Load: 25 lbf (111 N) for installation
Minimum Bend Radius: 2.0 in (5.1 cm)

Environmental

Operating Temperature: +14° to +140°F (-10° to +60°C)
Installation Temperature: +32° to +122°F (0° to +50°C)

Weight

30 lb/1000 ft (45 kg/km) nominal

Rating

NEC Article 800; UL Subject 444, Type CMP; CSA Type CMP;
NFPA 262; CSA
FT6 (Steiner Tunnel test)