

Product Specification sheet for:

CRESTRON is a registered trademark of Crestron Electronics, Inc

CREST-8G

DIGITALMEDIA 8G+- 24AWG STP 350MHz w/DRAIN, PVC JKT-BLUE- 500FT/150M SPOOL

CONSTRUCTION DETAIL



PRODUCT IMAGE

PHYSICAL CONSTRUCTION

Four twisted pair, polyester tape, drain, shield, braid, ripcord and overall jacket

(4) Twisted Pairs

Colors:	Blue/white, orange/white, green/white, brown/white
Conductors:	24 AWG x8 solid copper
Insulation:	0.0055 inch thick HDPE
Outer Diameter (per conductor):	0.040 inch (1.016 mm) maximum
Drain:	26 AWG solid tin/copper
Shield:	Aluminum foil (100% coverage)
Braid:	Tin/copper (40% nominal coverage)
Outer Jacket	
Color:	Blue
Material:	PVC
Thickness:	0.018 inch
Outer Diameter:	0.244 ±0.008 inch (6.2 ±0.2 mm)

COLOR

Jacket Color: Teal

MARKING

STRUCTURED CABLE PRODUCTS--- DIGITALMEDIA 8G+- 24AWG STP 350MHz w/DRAIN, PVC JKT- E308667 (UL) TYPE CL3 "ROHS" ZONE/ DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 000/500FT

ELECTRICAL CHARACTERISTICS

Mutual Capacitance: 17.1 pF / ft
 Velocity of Propagation: 69%
 Propagation Delay Skew: 45nS / 100 m
 DC Resistance: 28.6 Ohms / 1000 ft maximum
 DC Resistance Unbalance of a Pair: 5% maximum
 Capacitance Unbalance: 330 pF / 100 m
 Characteristic Impedance: 100 Ohms ±15% (1-250 MHz)

MECHANICAL CHARACTERISTICS

Minimum Recommended Bend Radius: 2.75 inches
 Maximum Pull Tension: 25 lbf

SPECIFICATION CONTROL

Structured Cable Products specifications are subject to change without notice. Please contact a sales representative for a current product specification. Structured Cable Products strives to ensure product specifications are complete, current, and accurate. Please note, all physical specifications are nominal.