



PRODUCT SPECIFICATIONS

TS-ODCMX/6-BK

Description: 23AWG Non-Plenum, unshielded four twisted pairs, Flooded Category 6 Horizontal Cable with a polyethylene jacket, suitable for outdoor use.

Ratings/Approvals: Category 6

Applications: Supports all category 6 applications including Ethernet 1BASE-TX, 100BASE-VG and 155 ATM. Particularly suited for high bandwidth application such as 622 ATM, Wideband, Ethernet 1000BASE-T and emerging applications with anticipated data rates to 3.2 Gbps.

CONSTRUCTION

Conductor:	23 AWG Solid Bare Copper
Number of Conductors or Pairs:	4 Pair
Flooding Compound:	Water Blocking Gel
Jacket Material:	Polyethylene
Nominal Overall Cable Diameter:	0.260 in.

ELECTRICAL & PHYSICAL PROPERTIES

Temperature Rating:	Installation: 0°C to 60°C Operation: -60°C to 60°C
Velocity of Propagation:	70%
Mutual Capacitance:	14 pF/ft Nominal
Capacitance Unbalance:	330 pF/ft maximum
Maximum Conductor D.C.R.:	28.6Ω/1,000 ft
Maximum D.C.R. Unbalance:	3%
Maximum Delay Skew:	18 ns/100m
Characteristic Impedance:	From 0.772 MHz - 100 MHz 100 ± 15% From 101 MHz - 250 MHz 100 ± 22%
Maximum Operating Voltage	300 VRMS
Minimum Bend Radius:	1.0 in.
Insulation Colors:	Blue paired with White/Blue Orange paired with White/Orange Green paired with White/Green Brown paired with White/Brown



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