



CAT5e outdoor twisted pair cable

24 AWG solid bare copper conductors, twisted pairs, polyolefin insulation, overall shield, 24 AWG stranded TC drain wire, oil resistant PVC jacket, rip cord. Sequential marking at two foot intervals.

ELECTRICAL SPECIFICATIONS

Velocity of Propagation 70%
Capacitance @1KHz 15 pF/ft
Peak Power 300 Volts RMS
Standard TIA/EIA 568A

CABLE CONSTRUCTION

Center Conductor Bare Copper (BC) 24AWG
Number of Pairs 4
Number of Conductors 8
Insulation Polyolefin (PO) 0.010" wall thickness
Pair Color Code Chart

1. Blue/White Stripe and Blue
2. Orange/White Stripe and Orange
3. Green/White Stripe and Green
4. Brown/White Stripe and Brown

Outer Shield Aluminum Foil-Polyester Tape
Drain Wire
 24AWG
 7x32 wire stranding
 Tinned Copper (TC) conductor material
Outer Jacket
 Polyvinyl Chloride (PVC) 0.27" outer diameter
 No Ripcord

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Cable Weight 30lb/1000ft
Operating Temp. Range -40 C to +75 C
Maximum Pulling Tension 25 lbs.
Minimum Bend Radius 1"

Frequency, MHz	1	4	8	10	16	20	25	31.25	62.5	100
Attenuation, dB	2.0	4.1	5.8	6.5	8.2	9.3	10.4	11.7	17	22
Structure Return Loss, Db	23	23	24.5	25	25	25	24.3	23.6	21.5	20.1
NEXT, dB	65.3	56.3	51.8	50.3	47.3	45.8	44.3	42.9	38.4	35.3
ELFEXT, dB	63.8	51.7	45.7	43.8	39.7	37.7	35.8	33.9	27.8	23.8