

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

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

## CABLE CONSTRUCTION

<b>Center Conductor</b>	Bare Copper (BC) 24AWG
<b>Number of Pairs</b>	4
<b>Number of Conductors</b>	8
<b>Insulation</b>	Polyolefin (PO) 0.010" wall thickness
<b>Pair Color Code Chart</b>	<ol style="list-style-type: none"> <li>1. Blue/White Stripe and Blue</li> <li>2. Orange/White Stripe and Orange</li> <li>3. Green/White Stripe and Green</li> <li>4. Brown/White Stripe and Brown</li> </ol>
<b>Outer Shield</b>	Aluminum Foil-Polyester Tape
<b>Drain Wire</b>	24AWG 7x32 wire stranding
<b>Outer Jacket</b>	Tinned Copper (TC) conductor material Polyvinyl Chloride (PVC) 0.27" outer diameter No Ripcord

## MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

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

## ELECTRICAL CHARACTERISTICS

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