Twinaxial 2x24 AWG SF/UTP DigiCom PVC Jacket
COMPUTER & LAN
P/N 6322124109

INDUSTRY

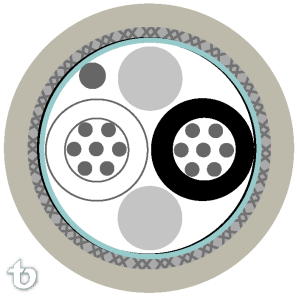
Applications

High data rates, Patch cord

Outer Jacket Material

Outer diameter
6.2 mm nom.

Weight
52 kg/km



General Construction

Twinaxial double shielded 120 Ω cable. The cable contains two conductors, cabled with 2 fillers, overall shielded and jacketed with PVC compound. The cable is suitable for E1/T1 and some relevant RS-485 applications.

Design & Materials

Conductor Material	Annealed Tinned Copper
Conductor Size (AWG)	24
Conductor Size (mm)	7x0.2
Insulation Material	PO
Insulation O.D. (mm nom)	2.15
Pair Identification	Colors
Conductor Color Code	White x Black
Overall Shield Design	Aluminum Foil + Braid
Overall Braid Material	Annealed Tinned Copper
Braid Coverage (% nom)	85
Overall Drain-wire Material	Annealed Tinned Copper
Overall Drain-Wire Size (AWG)	24
Overall Drain-wire Construction	Stranded
Total Number Of Conductor Units	2
Outer Jacket	Yes
Outer Jacket Color	Gray
Marking	Teldor Standard|Per request

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Performance

Frequency Range (MHz)	1 - 10
Impedance (Ω)	120
DC Resistance (Ω/km nom)	96
Attenuation	2.2 dB/100m @ 1 MHz
Capacitance (pF/m)	42
Velocity of Propagation (% nom)	67
Dielectric Strength (V/minute)	1500
Dielectric Strength to Shield (V/minute)	1000
Min. Bend Radius for Operation (mm)	55
Min. Bend Radius (mm)	55
Min. Operating Temperature (°C)	-30
Max. Operating Temperature (°C)	+80

Standards

Flammability Rating
IEC 60332-1
UL 1581 VW-1

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Version 1.3 | Last update: 2020-10-01