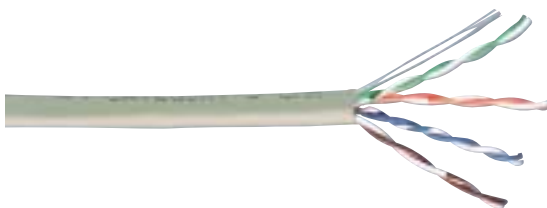


6.9.5-A D-Inside Cable Riser**6.9.5-B D-Flex Plenum Cable**

24501941 D-Inside Series Cable , Category 3

DESCRIPTION

D-Inside Cable and D-Flex Plenum Cable Series consists of 2, 3 and 4-pair UTP cable that meets and exceeds ANSI/TIA/EIA-568-A and CSA T529-95 specifications for Category 3 transmission characteristics.

FEATURES & BENEFITS

- ANSI/TIA/EIA-568-A Category 3 compliant
- Small outside diameter, cable is less likely to kink or snag during installation
- Descending distance marking for length verification reduces waste.

APPLICATIONS

D-Inside Cable Series is intended to be used for horizontal installations of moderate-speed environments such as:

- 10 Mb/s Ethernet (IEEE 802.3 10BASE-T)
- 4 Mb/s Token Ring (IEEE 802.5)
- Voice applications.

TECHNICAL SPECIFICATIONS

- Minimum Recommended Installation Temperature: 5°C (40°F)
- Temperature Rating: 60°C (140°F).

Number of pairs	Nominal O.D.	Min. Bend Radius	Weight (Cable only)
2-pair	3.30 mm	13.20 mm	1.6 kg/100m
24 AWG CMR	(0.130 in.)	(0.520 in.)	(11.0 lb/kft)
3-pair	3.90 mm	15.60 mm	2.2 kg/100m
24 AWG CMR	(0.150 in.)	(0.600 in.)	(15.0 lb/kft)
4-pair	4.30 mm	17.20 mm	2.8 kg/100m
24 AWG CMR	(0.170 in.)	(0.680 in.)	(18.0 lb/kft)
3-pair	4.06 mm	2.56 mm	2.4 kg/100m
24 AWG CMP	(0.160 in.)	(0.640 in.)	(16.0 lb/kft)
4-pair	4.70 mm	2.96 mm	2.8 kg/100m
24 AWG CMP	(0.185 in.)	(0.740 in.)	(19.0 lb/kft)

Physical Characteristics**Construction**

- Conductors: 24 AWG solid copper
- Insulation:
 - Non-Plenum: Polyvinyl Chloride (PVC)
 - Color coding as per ANSI/TIA/EIA-568-A.
- Jacket:
 - Light Olive Gray LSPVC
 - Equipped with jacket splitting cord
 - Jacket printed at intervals indicating cable code, AWG, listings (NEC Code), verification, date and manufacturing traceability code
 - Descending length markings start at highest number and end at 0.

D-Inside Cable Riser

6.9.5-A

D-Flex Plenum Cable

6.9.5-B

IBDN Copper
SolutionsLabels
LabelFlex

6.4.1-A

Transmission Characteristics

- DC Resistance @ 20°C, max.: 9.38 Ω /100 m
- DC Resistance Unbalance, max.: 5%
- Mutual Capacitance, max.: 6.6 nF/100 m
- Capacitance Unbalance Pair to Ground, max.: 262 pF/100 m
- Characteristic Impedance: 100 $\pm$ 15 Ω from 1 MHz to 16 MHz
- Nominal Velocity of Propagation (NVP):
 - Non-Plenum: 68% @ 10 MHz
- Propagation Delay (Skew), max.: 30 ns/100 m.

Frequency (MHz)	Attenuation (dB/100 m) (max.)	NEXT (dB) (min.)	SRL (dB) (min.)
0.772	2.2	43.0	—
1.0	2.6	41.0	12.0
4.0	5.6	32.0	12.0
8.0	8.5	28.0	12.0
10.0	9.7	26.0	12.0
16.0	13.1	23.0	10.0

ORDERING INFORMATION

The standard shipping length for D-Inside and D-Flex Plenum Cable are as specified below. Alternative colors and packaging are also available, subject to Minimum Order Quantities. Please check with customer service for availability.

6.9.5-A D-Inside Cable Riser

DETAIL	COLOR	LENGTH	PACKAGING	NO OF PACKS PER PALLET	TOTAL PER PALLET	UPC	ORDERING NUMBER
24 AWG, CMR, Category 3, 2-pair	Olive Gray	762 m (2500 ft.)	Box	45 boxes/pallet	34290 m (112500 ft.)	628575003464	24501922
24 AWG, CMR, Category 3, 3-pair	Olive Gray	457 m (1500 ft.)	Box	45 boxes/pallet	20574 m (67500 ft.)	628575003525	24501934
24 AWG, CMR, Category 3, 4-pair	Olive Gray	305 m (1000 ft.)	Box	45 boxes/pallet	13725 m (45000 ft.)	628575003587	24501941
24 AWG, CMR, Category 3, 4-pair	Olive Gray	457 m (1500 ft.)	Box	45 boxes/pallet	20574 m (67500 ft.)	628575003679	24501950
24 AWG, CMR, Category 3, 4-pair	Olive Gray	305 m (1000 ft.)	Spool	45 spools/pallet	13725 m (45000 ft.)	628575003648	24501947
24 AWG, CMR, Category 3, 4-pair	Olive Gray	762 m (2500 ft.)	Spool	27 spools/pallet	20574 m (67500 ft.)	628575003662	24501949

6.8.5-B D-Flex Plenum Cable

DETAIL	COLOR	LENGTH	PACKAGING	NO OF PACKS PER PALLET	TOTAL PER PALLET	UPC	ORDERING NUMBER
24 AWG, CMP, Cat 3, 3-pair	Olive Gray	457 m (1500 ft.)	Box	45 boxes/pallet	20574 m (67500 ft.)	628575011766	24571097
24 AWG, CMP, Cat 3, 4-pair	Olive Gray	305 m (1000 ft.)	Box	45 boxes/pallet	13725 m (45000 ft.)	628575011803	24571111
24 AWG, CMP, Cat 3, 4-pair	Olive Gray	457 m (1500 ft.)	Box	45 boxes/pallet	20574 m (67500 ft.)	628575011810	24571112
24 AWG, CMP, Cat 3, 4-pair	Olive Gray	305 m (1000 ft.)	Spool	45 spools/pallet	13725 m (45000 ft.)	628575011797	24571110
24 AWG, CMP, Cat 3, 4-pair	Olive Gray	762 m (2500 ft.)	Spool	27 spools/pallet	20574 m (67500 ft.)	628575011889	24571131