

Category 5e UTP Network Cable, 350 MHz CAT5E-BX-*

DATA-TRONIX



Features:

- Four pair, 24 AWG Solid conductors
- Available in Blue, Grey, Yellow Or White PVC Jackets
- Convenient, 1,000' easy pull box
- CM Rated
- UL Listed

Electrical Specifications

DC Resistance: 9.38Ω/100m

DC Unbalance: 5%

Pair to Ground Capacitance Unbalance:
330pF/100m

Characteristic Impedance: 100Ω

Propagation Delay (PD):
538ns/100m max@100 Mhz

Propagation Delay Skew: 45ns/100m

Mechanical Construction:

Conductors:

24 AWG Solid Copper
Diameter: 0.020" (0.511mm)
Pairs: 4

Insulation:

Insulation Grade Polyolefin
Diameter: 0.037" (0.93mm)
Pair Primary Colors: Blue, Orange,
Green, Brown

Jacket:

FR Polyvinylchloride (PVC)
Diameter: 0.212" (5.4mm)

Specifications and Testing:

ANSI/TIA/EIA-568-B.2
UL 444
NEC Rating: CM
UL or ETL Verified

Freq. MHz	SRL	dB/100m @20°C					
		IL	NEXT	PSNEXT	ELFEXT	PSELFEXT	RL
1	23	2.0	65.3	62.3	63.8	60.8	20.0
10	23	6.5	50.3	47.3	43.8	40.8	25.0
20	23	9.3	45.8	42.8	37.7	34.7	25.0
25	22	10.4	44.3	41.3	35.8	32.8	24.3
31.25	21	1.7	42.9	39.9	33.9	30.9	23.6
62.5	18	16.8	36.4	35.4	27.8	24.6	21.5
100	16	21.7	35.3	32.3	23.8	20.8	20.1
200	22	32.0	30.8	42.8	17.7	14.7	19.0
250	12	26.4	29.3	26.3	15.8	12.8	18.0
300	11	40.5	28.2	25.2	14.2	11.2	18.0
350	10	44.3	27.2	24.2	12.9	9.9	17.0

Email: sales@cabletronix.com Web: www.cabletronix.com