

NEW PRODUCT **Mini5**TM

Category 5e UTP External Grade Cable

Standards :

- UL/CSA Listed
- UL & ETL ANSI/EIA/TIA 568-B
- Category 5e

Application :

- High Speed Horizontal cabling
- Gigabit
- 622Mbps ATM
- IEEE802.3/IEEE802.5
- Digital Video etc

Part Numbers:

UTP4M5SB-EXT (305Mtr/1000ft box)
 Box size: 420x420x215mm
 Weight 13.95Kg

This External grade cable is constructed using a polyethylene (PE) jacket for superior water, chemical, and abrasion resistance over PVC jacketed cables. External jacket is Black in colour.

Cable Type	Pairs	Conductor	Jacket OD	Jacket	Insulation
External	4	24AWG (0.51mm)	5.2mm	PE (PolyEthylene)	HDPE

Electrical Properties :

Impedance	: 100Ω±15%	Max. d.c. resistance : 9.38Ω/100m (24AWG)
Max. d.c. resistance	: 14.8 Ω/100m (23WG)	Max. d.c. loop resistance : 19.2Ω/100m
Max. resistance unbalanced	: 3% (5% for TIA/EIA)	Min. d.c. insulation resistance : 150MΩ/Km
Min. Propagation Velocity	: 65%	Max. Propagation delay skew : 30 ns/100m
Max. Mutual capacitance	: 5.6nF/100m	
Max. capacitance unbalanced	: 3400/3300 pF/Km (ISO/IEC, TIA/EIA)	

Frequency (MHz)	Attenuation Max. dB/100m	Pr-Pr NEXT Min. dB>=100m	Power Sum NEXT Min.dB dB>=100m	ACR Min . dB	Pr-Pr FEXT Min . dB>=100m	Power Sum	
						ELFEXT dB/100m	Min.dB
.772	1.8	67.0	64.0	65.2	66.0	63.0	
1	2.0	65.3	62.3	63.3	63.8	60.8	
4	4.1	56.3	53.3	52.2	51.7	48.7	
8	5.8	51.8	48.8	46.0	45.7	42.7	
10	6.5	50.3	47.3	43.8	43.8	40.8	
16	8.2	47.3	44.3	39.1	39.7	36.7	
20	9.3	45.8	42.8	36.5	37.7	34.7	
25	10.4	44.3	41.3	33.9	35.8	32.8	
31.25	11.7	42.9	39.9	31.2	33.9	30.9	
62.5	17.0	38.4	35.4	21.4	27.8	24.8	
100	22.0	35.3	32.3	13.3	23.8	20.8	

www.mini5.com