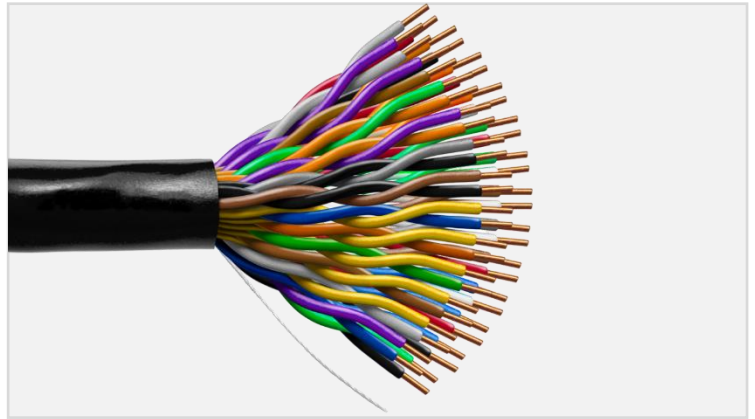# ELSCOPE

CAT3 U/UTP Multi-Pair Cable

• TIA/EIA 568-B.2 • ISO/IEC 11801 • UL 444

Product Description

CAT3 U/UTP Multi-Pair Bundle Cable features 24AWG bare copper wires for reliable performance. Ideal for voice and data transmission, it comes in a 1000-meter reel for large installations. Perfect for both commercial and residential use.

Insulation

Insulation Material	PE
Insulation Outer Dia.	0.85(±0.05)mm
Ripcord	Yes
Wrapping Material	Polyester Tape

Conductor

Conductor Material	Solid Bare Copper
Conductor Size	24AWG
Conductor Diameter	0.50(±0.015)mm

Jacket

Sheath Material	LSZH
Sheath Thickness	0.7(±0.005)mm

Color Code
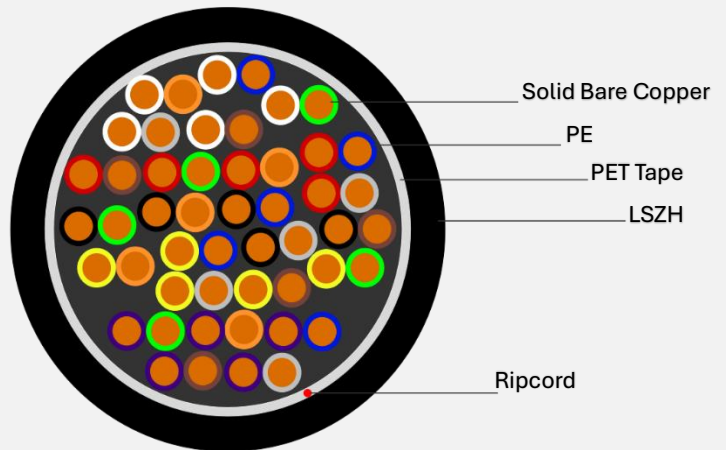
Pair No.	
1	White/Blue
2	White/Orange
3	White/Green
4	White/Brown
5	White/Grey
6	Red/Blue
7	Red/Orange
8	Red/Green
9	Red/Brown
10	Red/Grey
11	Black/Blue
12	Black/Orange
13	Black/Green
14	Black/Brown
15	Black/Grey
16	Yellow/Blue
17	Yellow/Orange
18	Yellow/Green
19	Yellow/Brown
20	Yellow/Grey
21	Violet/Blue
22	Violet/Orange
23	Violet/Green
24	Violet/Brown
25	Violet/Grey

CAT3 U/UTP Multi-Pair Cable

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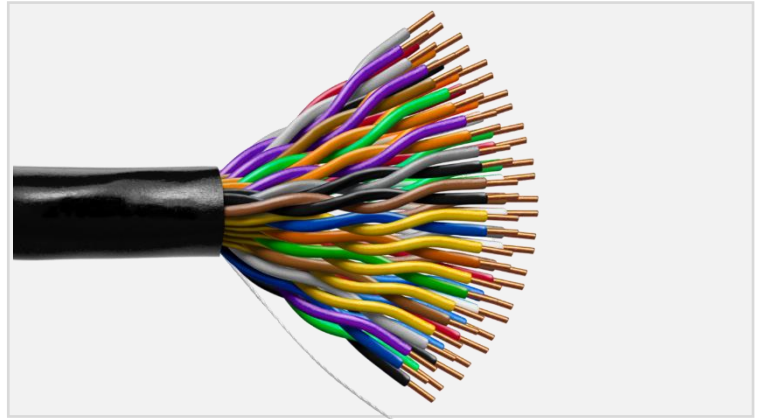
Electrical & Mechanical Properties

Impedance (at 1-16Mhz)	100±15 Ω	Tensile Strength	≥10 Mpa
Delay Skew (at 1-16Mhz)	≤45 (ns/100m)	Before Aging Elongation	≥125%
Max.DC Resistance	9.5 (Ω /100m)	Aging Period (°Cxh)	100°Cx24hx7d
Max. DC Conductor Resistance Unbalance	5%	After Aging Elongation	≥100%
Installation Temperature Range	-20°C to+ 50°C	Cold Bend (-20±2°Cx4h)	No visible Cracks
Operating Temperature Range	-30°C to+ 50°C		

Performance

Freq.(Mhz)	RL(Min.dB)	ATTN (Max.dB/100m)	NEXT(Min. dB)	PSNEXT(Min.dB)	ELFEXT(ACR-F)(Min.dB/100m)	PSELFEXT(PSACR-F)(Min.dB/100m)	Phase Delay (Max.ns)
1	12	2.60	41.3	41.3	39	39	570
4	12	5.60	32.3	32.3	26.9	26.9	552
8	12	8.50	27.8	27.8	20.9	20.9	546.73
10	12	9.70	26.3	26.3	19	19	545.38
16	9.95	13.1	23.3	23.3	14.9	14.9	543

Ordering Information

T3-UUTP-02-LSZH-B	Category 3 U/UTP 2 Pairs Cable LSZH,Black
T3-UUTP-05-LSZH-B	Category 3 U/UTP 5 Pairs Cable LSZH,Black
T3-UUTP-10-LSZH-B	Category 3 U/UTP 10 Pairs Cable LSZH,Black
T3-UUTP-25-LSZH-B	Category 3 U/UTP 25 Pairs Cable LSZH,Black