



CAT5LSZH-305-P

CAT5, 305m Cable, UTP, LSZH (Purple)



Key Features:

- CAT5 solid bare copper cable
- LSZH
- 24AWG
- Meter marked
- Outer sheath colour : purple
- Reaction to fire : Eca



SPECIFICATIONS

Model Number	CAT5LSZH-305-P
Material	Bare Copper
American Wire Gauge	24AWG
Insulation	
Material	HDPE
Min. Average Thickness	0.50±0.05 mm
Diameter	0.86±0.05mm
Colour	8-core, Blue, white/blue; orange, white/orange; green, white/green; brown, white/brown
Rip Cord	
Rip Cord	Yes
Drain wire	No

(continued)

Sheath

Thickness	0.50±0.05 mm
External O.D	4.9±0.4 mm
Material	LSZH(complies RoHS)
Colour	Purple
Reaction to Fire	Eca

Sheath Physical Properties

Before Aging Tensile Strength (Mpa)	≥10.0
Elongation(%)	≥125
Aging Period(°C×hrs)	100°C×24h×7d
Cold bend(-20±2°C×4h) 8×Cable O.D.	No visible cracks

Electrical Characteristics (20°C)

1.0-100.0MHz Impedance(Ω)	100±15
1.0-100.0MHz Delay Skew (ns/100m)	≤45
DC ResistanceΩ/100m) max	11.0
DC Conductor Resistance	5.0
Unbalance(%) max	

Packaging

Length	305m (1000.66 ft) ± 1.5 m (4.92 ft)
Packaging Dimensions	350mm × 350mm × 220mm (L × W × H)
Net Weight	8.4kg±0.6kg
Gross Weight	8.98kg±0.6kg

Executive Standard

Executive Standard	ISO/IEC 11801, TIA-568-C.2
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Technical Performance (100m)

Frequency (MHz)	RL ≥dB	ELFEXT ≥dB	NEXT ≥dB	ATT(20°C) ≥dB	PSNEXT ≥dB	Phase DELAY ≥ns	PSELFEXT ≥dB
1	20.0	63.8	65.3	2.0	62.3	570.00	60.8
4	23.0	51.8	56.3	4.1	53.3	552.00	48.8
8	24.5	45.7	51.8	5.8	48.8	546.73	42.7
10	25.0	43.8	50.3	6.5	47.3	545.38	40.8
16	25.0	39.7	47.2	8.2	44.4	543.00	36.7
20	25.0	37.8	45.8	9.3	42.8	542.05	34.8
25	24.3	35.8	44.3	10.4	41.3	541.20	32.8
31.5	23.6	33.9	42.9	11.7	39.9	540.44	30.9
62.5	21.5	27.9	38.4	17.0	35.4	538.55	24.9
100	20.1	23.8	35.3	22.0	32.3	537.60	20.8