



LSZH



23AWG

Standard-High Density pair twisted

Applicable Standard



Product Feature

- High performance of transmission.
- High quality of safety property.
- Sweep frequency up to 600 MHz.
- Easy pull box and easy to pull out.
- Carton with one layer corrugated design providing sufficient strength. and saving packaging space.

Product Description

- U/UTP, 23AWG solid bare copper, CAT.6 1/0.55mm OFC (pure copper, 99.998%).
- With cross filler.

Reference Electrical Characteristics

Frequency (MHz)	IL Max.	NEXT Min.	PS.NEXT Min.	ACR Min.	PS.ACR Min.	ACRF Min.	PS.ACRF Min.	RL Min.	Propagation Delay Max.	Delay Skew Max.
	dB/100m	dB/100m	dB/100m	dB/100m	dB/100m	dB/100m	dB/100m	dB/100m	ns/100m	ns/100m
100	19.80	44.30	42.30	24.5	22.5	27.80	24.80	20.11	537.60	45.00
250	32.85	38.33	36.33	5.48	3.48	19.84	16.84	17.32	536.28	45.00
400	42.97	35.27	33.27	N.A.	N.A.	15.76	12.76	15.89	535.80	45.00
600	54.49	38.63	36.63	N.A.	N.A.	18.24	15.24	14.66	535.47	45.00

Physical & Electrical Characteristics (at 20°C)

- Temperature : 75°C
- Spark test : 2.5KV DC
- Cable cold bend : -20°C for 4hr
- Capacitance unbalance pair-to-ground : ≤330pF/100m
- AC leakage current through overall jacket : ≤10mA(1.5KV AC)
- Resistance unbalance : ≤5%
- Mutual capacitance : ≤5.6nF/100m
- Dielectric strength : 1.5KV AC for 2s
- Insulation resistance : ≥5000MΩ X km
- Conductor DC resistance : ≤9.38Ω/100m

Application

- Structure cabling for horizontal and building backbone cable.
- Transmission of digital and analogue for data, video and audio applications.
- 10 / 100 / 1G Base-T IEEE 802.3 i / u / ab.
- CDDI / FDDI / ATM / Token Ring.
- IEEE 802.3af (PoE) / IEEE 802.3at (PoE+).
- Limit Power - LP UL PoE safety standard.
- HDBaseT 2.0 standard.
- EtherCAT Industrial standard.



PURE
Cu
(OFC 99.998%)