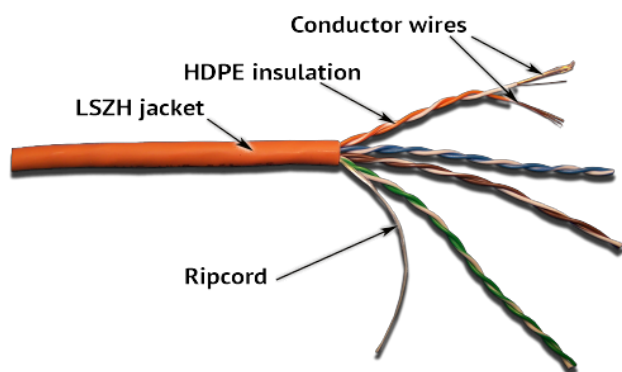


LANMASTER UTP cord cable, 4x2, cat. 5E, 350 MHz, LSZH, 305 m

Product Code: [LAN-5EUTP-PT-LSZH-xx](#)

LANMASTER UTP cord cable, 4x2, cat. 5E, 350 MHz, LSZH, 305 m



Description

The cable consists of 4 pairs of copper multiple conductors.

The diameter of the conductor is 24AWG.

Each conductor is put in HDPE (high density polyethylene) insulation.

Two conductors stranded with a specially selected step make up one twisted pair.

4 twisted pairs are wrapped with a LSZH (low smoke, zero halogen) sheath.

Jacket color options:

- White
- Gray
- Yellow
- Orange
- Green
- Red
- Blue
- Brown
- Black



Modern high-speed networks' requirements are very high regarding cable management system.

Therefore, it cannot be used without patch cords of various colors.

The color identification of patch cords is very effective regarding a multiport system management.

Professional system administrators have been using the principle of connecting different types of equipment for a long time, including the equipment serving different user groups, or from different floors, with patch cords of their color.

Thus, it saves your time for connecting and switching users and minimizing the downtime of high-speed networks.

Characteristic of the cable:

Characteristic	Value
Type of conductor	Stranded
Conductor Diameter	24 AWG
Insulation Type	HDPE (High Density Polyethylene)
Outer jacket	LSZH
Cable diameter	5.3 mm
Impedance	100 ± 15 Ohm
Mutual Capacitance	17.1 nF / 1000 ft
DC Resistance	28.6 ohm / 1000 ft
DC Resistance Unbalance of a pair	5%
Capacitance Unbalance pair to Ground	330 pF / 100m
Propagation Delay Skew	45 nS / 100m
Nomal velocity propagation	71%
Attenuation to crosstalk ratio	at 100 MHz min. 8.9 dB std 13.9 dB at 155 MHz min. 11.1 dB at 200 MHz min. 4.8 dB
Certified by the laboratory	3P and ETL Certified
Complies with	TIA / EIA 568-B.2 cat. 5E
Meters in box	305 m
Color coding	Pair 1 "blue/white-blue"; Pair 2 "orange/white-orange"; Pair 3 "green/white-green"; Pair 4 "brown/white-brown".

Cable transfer characteristics:

Frequency (MHz)	Attenuation n (dB)	NEXT (dB)	ACR (dB)	PS.NEXT (dB)	PS.ACR (dB)	ELFEXT (dB)	PS.ELFEXT (dB)	Return Loss (dB)
1	2.4	65.3	62.9	62.3	59.9	63.8	60.8	20
4	4.9	56.3	51.4	53.3	48.4	51.7	48.7	23
8	6.9	51.8	44.9	48.8	41.9	45.7	42.7	24.5
10	7.8	50.3	42.5	47.3	39.5	43.8	40.8	25
16	9.8	47.3	37.5	44.3	34.5	39.7	36.7	25
20	11.2	45.8	34.6	42.8	31.6	37.8	34.8	25
25	12.5	44.3	31.8	41.3	28.8	35.8	32.8	24.2
31.25	14	42.9	28.9	39.9	25.9	33.9	30.9	23.2
62.5	20.4	38.4	18	35.4	15	27.8	24.8	20.7
100	26.4	35.3	8.9	32.3	5.9	23.8	20.8	19

Model range

LAN-5EUTP-PT-LSZH-VI	LANMASTER UTP cord cable, 4x2, cat. 5E, 350 MHz, LSZH, violet, 305 m
LAN-5EUTP-PT-LSZH-BK	LANMASTER UTP cord cable, 4x2, cat. 5E, 350 MHz, LSZH, black, 305 m
LAN-5EUTP-PT-LSZH-BL	LANMASTER UTP cord cable, 4x2, cat. 5E, 350 MHz, LSZH, blue, 305 m

LAN-5EUTP-PT-LSZH-GN	LANMASTER UTP cord cable, 4x2, cat. 5E, 350 MHz, LSZH, green, 305 m
LAN-5EUTP-PT-LSZH-GY	LANMASTER UTP cord cable, 4x2, cat. 5E, 350 MHz, LSZH, grey, 305 m
LAN-5EUTP-PT-LSZH-OR	LANMASTER UTP cord cable, 4x2, cat. 5E, 350 MHz, LSZH, orange, 305 m
LAN-5EUTP-PT-LSZH-RD	LANMASTER UTP cord cable, 4x2, cat. 5E, 350 MHz, LSZH, red, 305 m
LAN-5EUTP-PT-LSZH-WH	LANMASTER UTP cord cable, 4x2, cat. 5E, 350 MHz, LSZH, white, 305 m
LAN-5EUTP-PT-LSZH-YL	LANMASTER UTP cord cable, 4x2, cat. 5E, 350 MHz, LSZH, yellow, 305 m

Product descriptions are listed according to the available information at the time of publication. Product specifications can be changed without advanced notification. More detailed and exact information can be obtained from the official partners and distributors of LANMASTER.