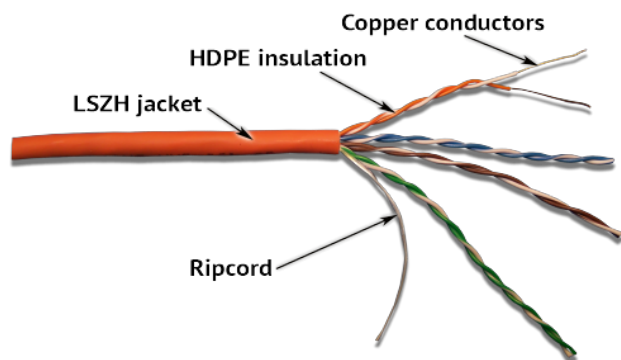


LANMASTER UTP cable, 4 pairs, cat. 5E, 350 MHz, LSZH, 305 m

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

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



Description

The cable consists of 4 pairs of single copper conductors.

The diameter of the conductor is 24AWG.

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

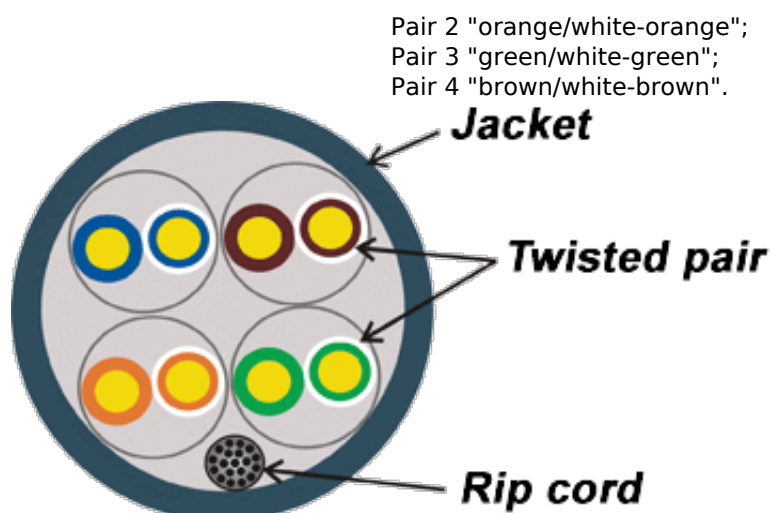
Two conductors stranded with a specially selected step make up one twisted pair.

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

There is a rip cord under the sheath to facilitate cable partition.

Characteristic of the cable:

Characteristic	Value
Type of conductor	Solid
Conductor Diameter	24 AWG
Insulation Type	HDPE (High Density Polyethylene)
Type of sheath	LSZH
Sheath color	Orange
Cable diameter	4,9 mm
Nominal velocity propagation	71%
Operating temperature range	to + 75 °C
Certified by the laboratory	3P и ETL
Complies with	TIA/EIA 568-B.2 cat. 5E ISO/IEC 11801:2002
Meters in a box	305 m
Color coding	Pair 1 "blue/white-blue";



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	68.3	65.9	66.3	63.9	63.8	60.8	20
4	4.9	59.3	54.4	57.3	52.4	51.7	48.7	23
8	6.9	54.8	47.9	52.8	45.9	45.7	42.7	24.5
10	7.8	53.3	45.5	51.3	43.5	43.8	40.8	25
16	9.8	50.3	40.5	48.3	38.5	39.7	36.7	25
20	11.2	48.8	37.6	46.8	35.6	37.8	34.8	25
25	12.5	47.3	34.8	45.3	32.8	35.8	32.8	24.2
31.25	14	45.9	31.9	43.9	29.9	33.9	30.9	23.3
62.5	20.4	41.4	21	39.4	19	27.8	24.8	20.7
100	26.4	38.3	11.9	36.3	9.9	23.8	20.8	19
155	33.7	35.5	1.8	33.5	0	20	17	17.4
200	38.9	33.8	-/-	31.8	-/-	17.7	14.7	16.4
240	43.2	32.6	-/-	30.6	-/-	16.2	13.2	15.7
300	49.2	31.2	-/-	29.2	-/-	14.2	11.2	14.9
350	53.9	30.1	-/-	28.1	-/-	12.9	9.9	14.3

Model range

LAN-5EUTP-LSZH-BK	LANMASTER UTP cable, 4 pairs, cat. 5E, 350 MHz, LSZH, black, 305 m
LAN-5EUTP-LSZH-BL	LANMASTER UTP cable, 4 pairs, cat. 5E, 350 MHz, LSZH, blue, 305 m
LAN-5EUTP-LSZH-GN	LANMASTER UTP cable, 4 pairs, cat. 5E, 350 MHz, LSZH, green, 305 m
LAN-5EUTP-LSZH-GY	LANMASTER UTP cable, 4 pairs, cat. 5E, 350 MHz, LSZH, grey, 305 m
LAN-5EUTP-LSZH-OR	LANMASTER UTP cable, 4 pairs, cat. 5E, 350 MHz, LSZH, orange, 305 m
LAN-5EUTP-LSZH-YL	LANMASTER UTP cable, 4 pairs, 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.