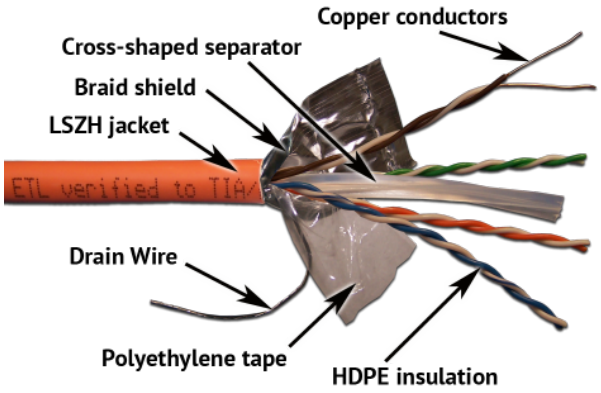
Паспорт изделия

LANMASTER FTP cable, 4 pairs, cat. 6, with separator, 250Mhz, LSZH, 305 m



Product Code: LAN-6EFTP-LSZH-xx

LANMASTER FTP cable, 4 pairs, cat. 6, with separator, 250Mhz, LSZH, 305 m

Description

The cable consists of 4 pairs of single copper conductors.
The diameter of the conductor is 23AWG.
Each conductor is protected with HDPE (high density polyethylene) insulation.

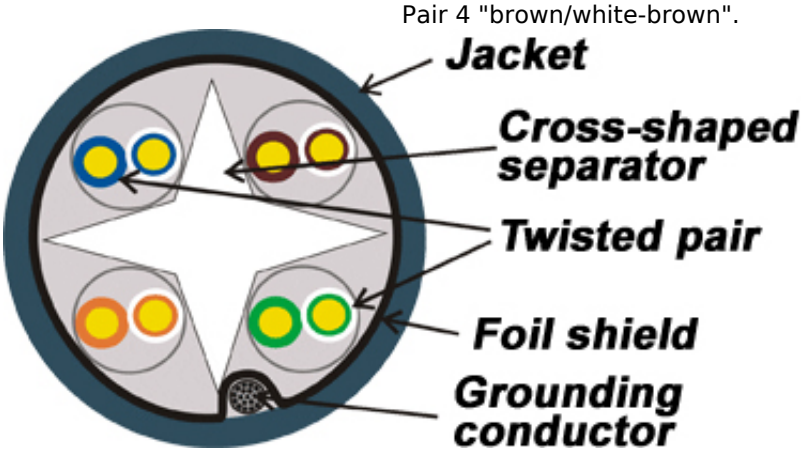
Two conductors stranded with a specially selected step make up one twisted pair.
The pairs are separated from each other by a cross-shaped partition increasing the transient attenuation between the pairs.

4 twisted pairs are wrapped in polyethylene film and together with a solid copper grounding conductor are enclosed in a common foil screen and LSZH (low smoke, zero-halogen) jacket.

Characteristic of the cable:

Characteristic	Value
Type of conductor	Solid
Conductor Diameter	23 AWG
Insulation Type	HDPE (High Density Polyethylene)
Outer jacket	LSZH
Sheath color	Orange
Cable diameter	7,2 мм
Operating temperature range	до +75°C
Impedance	100 ± 15 Ом
Fire resistance level	CM (generous purpose communication cable)
DC Resistance Unbalance of a pair	5%

Capacitance Unbalance pair to Ground	330 pF / 100 m
Propagation Delay Skew	40 nS / 100 m
Nomal velocity propagation	69%
Certified by the laboratory	3P & ETL
Complies with	ISO/IEC 11801; EN50173-1; IEC 60332-1-2 754 1034 811 HD 624.7
Meters in a box	305 м
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)	IL **(dB/100 м)**	NEXT **(dB)**	ACR **(dB)**	PS.NEXT **(dB)**	PS.ACR **(dB)**	ELFEXT **(dB/100 м)**	PS.ELFEXT **(dB/100 м)**	Return Loss **(dB)**
1	2.0	74.3	72.3	72.3	70.3	67.8	64.8	20.0
4	3.8	65.3	61.5	63.3	59.5	55.7	52.7	23.0
8	5.3	60.8	55.3	58.8	53.3	49.7	46.7	24.5
10	6.0	59.3	53.3	57.3	51.3	47.8	44.8	25.0
16	7.6	56.3	48.7	54.3	46.7	43.7	40.7	25.0
20	8.5	54.8	46.3	52.8	44.3	41.7	38.7	25.0
25	9.6	53.3	43.7	51.3	41.7	39.8	36.8	24.3
31.25	10.7	51.9	41.2	49.9	39.2	37.9	34.9	23.6
62.5	15.4	47.4	32.0	45.1	30.0	31.8	28.8	21.5
100	19.8	44.3	24.5	42.3	22.5	27.8	24.8	20.1
155	25.1	41.5	16.4	39.5	14.4	23.9	20.9	18.8
200	29.0	39.8	10.8	37.8	8.8	21.7	18.7	18.0
250	32.8	38.3	5.5	36.3	3.5	19.8	16.8	17.3

Model range

LAN-6EFTP-LSZH-OR	LANMASTER FTP cable, 4 pairs, cat. 6, with separator, 250Mhz, LSZH, orange, 305 m

LAN-6EFTP-LSZH-BL	LANMASTER FTP cable, 4 pairs, cat. 6, with separator, 250Mhz, LSZH, blue, 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.