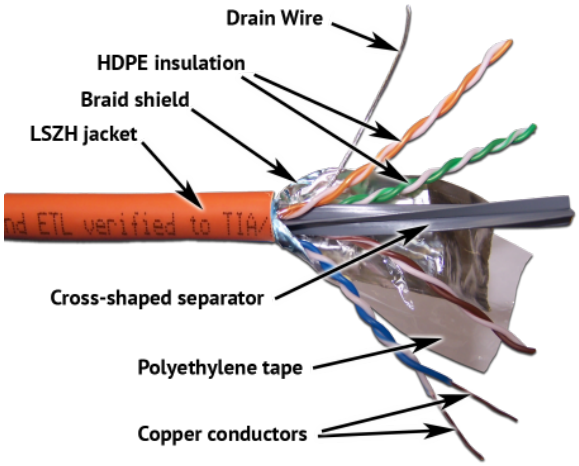
Паспорт изделия

LANMASTER FTP cable, 4 pairs, cat. 6A, with separator, 500Mhz, LSZH, 305 m



Product Code: LAN-6AFTP-LSZH-xx

LANMASTER FTP cable, 4 pairs, cat. 6A, with separator, 500Mhz, 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 and partition are wrapped in polyethylene film and together with a solid copper grounding conductor are enclosed in a common laminated foil screen and LSZH jacket.
Sequential meter length marks are printed on the cable 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, Blue
FTP screen type	laminated aluminum foil around 4 pairs
Cable diameter	7,7 mm

Operating temperature range	to +60°C
Impedance	100 ± 15 Ohm
Fire resistance level	CM
DC Resistance Unbalance of a pair	5%
Capacitance Unbalance pair to Ground	330 pF / 100 m
Propagation Delay Skew	1 ~ 500 MHz 45nS/100m MAX.
Nomal velocity propagation	67%
Certified by the laboratory	3P, UL, ETL VERIFIED
Complies with	TIA/EIA 568-C.2-1 cat. 6A; ISO/IEC 11801; EN 50173
Meters in a box	305 м
Frequency range	1-500 Mhz
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 MAX.(dB/100m)	NEXT MIN.(dB)	ACR MIN.(dB)	PS.NEXT MIN.(dB)	PS.ACR MIN.(dB)	ACRF MIN.(dB)/100m)	PS. ACRF MIN.(dB/100m)	R.L. MIN.(dB)
1	2.1	75.3	73.2	73.3	71.2	68.0	65.0	20.0
4	3.8	66.3	62.5	64.3	60.5	56.0	53.0	23.0
8	5.3	60.8	55.5	59.8	54.5	49.9	46.9	24.5
10	5.9	60.3	54.4	58.3	52.4	48.0	45.0	25.0
16	7.5	57.2	49.7	55.2	47.7	43.9	40.9	25.0
20	8.4	55.8	47.4	53.8	45.4	42.0	39.0	25.0
25	9.4	54.3	44.9	52.3	42.9	40.0	37.0	24.3
31.25	10.5	52.9	42.4	50.9	40.4	38.1	35.1	23.6
62.5	15.0	48.4	33.4	46.4	31.4	32.1	29.1	21.5
100	19.1	45.3	26.2	43.3	24.2	28.0	25.0	20.1
155	24.1	42.4	18.3	40.4	16.3	24.2	21.2	18.8
200	27.6	40.8	13.2	38.8	11.2	22.0	19.0	18.0
250	31.1	39.3	8.2	37.3	6.2	20.0	17.0	17.3
300	34.3	38.1	3.8	36.3	2.0	18.5	15.5	16.8
400	40.1	36.3	NA	34.3	NA	16.0	13.0	15.9
500	45.3	34.8	NA	32.8	NA	14.0	11.0	15.5

Model range

LAN-6AFTP-LSZH-OR	LANMASTER FTP cable, 4 pairs, cat. 6A, with separator, 500Mhz, LSZH, orange, 305 m
LAN-6AFTP-LSZH-BL	LANMASTER FTP cable, 4 pairs, cat. 6A, with separator, 500Mhz, 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.