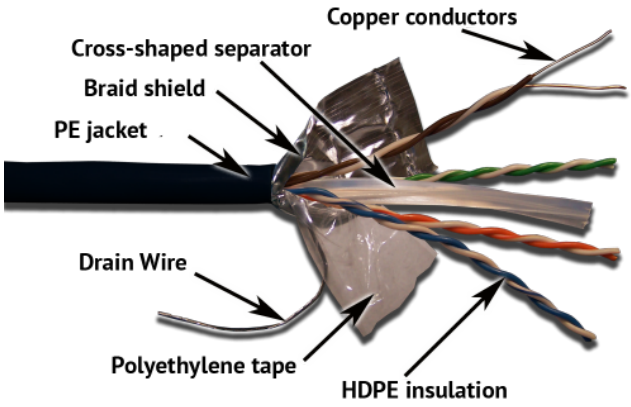
Паспорт изделия

LANMASTER FTP cable, 4 pairs, cat. 6, with separator, 250Mhz, PE, for outdoor, 305 m



Product Code: LAN-6EFTP-OUT

LANMASTER FTP cable, 4 pairs, cat. 6, with separator, 250Mhz, PE, for outdoor, 305 m

Description

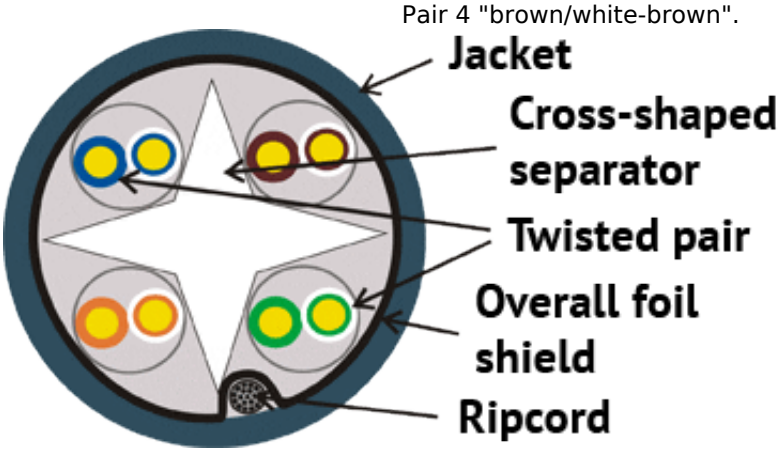
The cable consists of 4 pairs of solid copper conductors.
The diameter of the conductor is 23 AWG.
Each conductor is protected with HDPE (high density polyethylene) insulation.

Two conductors stranded with a specially selected step make up one twisted pair.
The pairs are separated from each other by a cross partition which increases 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 foil screen and polyethylene (PE) jacket.

Characteristic of the cable:

Characteristic	Value
Type of conductor	Solid
Conductor Diameter	23AWG (0,55± 0.03 mm)
Insulation Type	HDPE (High Density Polyethylene)
Outer jacket	PE (Polyethylene)
Jacket Color	Black
Cable diameter	7,2 mm
Operating temperature range	to +75°C
Impedance	100+15 Ohm
Fire resistance level	CMX
DC Resistance Unbalance of a pair	5%

Capacitance Unbalance pair to Ground	330 pF/100m
Propagation Delay Skew	40 ns/100m
Nomal velocity propagation	69%
Certified by the laboratory	3P
Complies with	TIA/EIA 568-C.2-1 cat. 6
Meters in a 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 (**dB**/100 m)	NEXT (**dB**)	ACR (**dB**)	PS.NEXT (**dB**)	PS.ACR (**dB**)	ELFEXT (**dB**/100 m)	PS.ELFEXT (**dB**/100 m)	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-OUT	LANMASTER FTP cable, 4 pairs, cat. 6, with separator, 250Mhz, PE, for outdoor, 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.