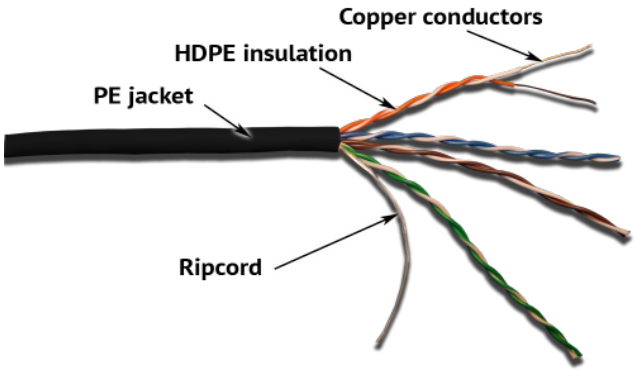
Паспорт изделия

LANMASTER UTP cable, 4 pairs, cat. 5E, for outdoor



Product Code: LAN-5EUTP-OUT

LANMASTER UTP cable, 4 pairs, cat. 5E, for outdoor

Description

The cable consists of 4 pairs of solid copper conductors.
The diameter of the conductor is 24AWG.
Each conductor is protected with HDPE (high density polyethylene) insulation.

Two conductors stranded with a specially selected step make up one twisted pair.
4 twisted pairs are enclosed in a common PE (polyethylene) jacket.

The cable meets the requirements of standards:

- 3P & ETL Verified to TIA/EIA568-B.2 CAT 5e
- UL444
- EN50173
- ISO/IEC 11801

Characteristic of the cable:

Characteristic	Value
Type of conductor	Solid
Conductor Diameter	24 AWG
Insulation Type	HDPE (High Density Polyethylene)
Outer jacket	PE (polyethylene)
Jacket Color	Black
Cable diameter	4,9 mm
Impedance	100±15 Ohm
Mutual Capacitance	56 pF/m (max)
DC Resistance	93.8 Ohm/1km

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%
Color coding	Pair 1 "blue / white-blue"; Pair 2 "orange/white-orange"; Pair 3 "green/white-green"; Pair 4 "brown/white-brown".
Fire resistance level	CMX
Operating temperature range	from -60°C to +60°C
Meters in a box	1000ft (305 m)

Cable transfer characteristics:

Frequency (MHz)	**Attenuation max (dB/100m)**	**NEXT min (dB)**	**ACR min (dB)**	**PS.NEXT min (dB)**	**PS.ACR min (dB)**	**ELFEXT min (dB/100м)**	**PS.ELFEXT min (dB/100m)**	**Return Loss min (dB)**
1	2.0	65.3	63.3	62.3	60.3	63.8	60.8	20.0
4	4.1	56.3	52.2	53.3	49.2	51.7	48.7	23.0
8	5.8	51.8	46.0	48.8	43.0	45.7	42.7	24.5
10	6.5	50.3	43.8	47.3	40.8	43.8	40.8	25
16	8.2	47.3	39.1	44.3	36.1	39.7	36.7	25.0
20	9.3	45.8	36.5	42.8	33.5	37.8	34.8	25.0
25	10.4	44.3	33.9	41.3	30.9	35.8	32.8	24.3
31.25	11.7	42.9	31.2	39.9	28.2	33.9	30.9	23.6
62.5	17.0	38.4	21.4	35.4	18.4	27.8	24.8	21.5
100	22.0		13.3	32.3	10.3	23.8	20.8	20.1
		35.3						

Model range

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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.