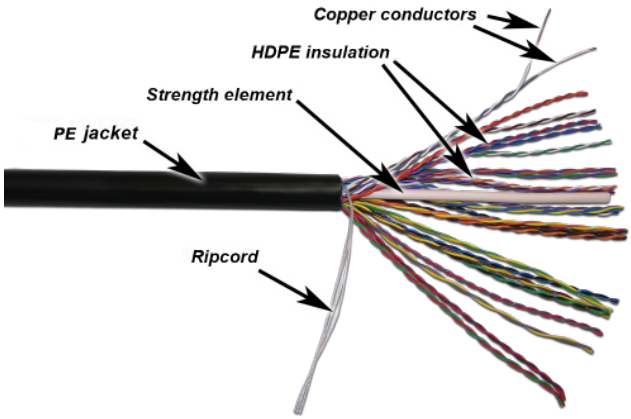
Паспорт изделия

TWT UTP cable, 25 pairs, Cat. 5e, for outdoor installation, 305 meters per drum



Product Code: TWT-5EUTP25-OUT

TWT UTP cable, 25 pairs, Cat. 5e, for outdoor installation, 305 meters per drum

Description

The cable consists of 25 pairs of solid copper conductors.
Conductor diameter is 24AWG.

Meets the requirements of category 5e.

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

Two conductors, twisted with a specially selected step, make up one twisted pair.
The twisted pairs are assembled around the central strength member and enclosed in a common polyethylene (PE) jacket.

To facilitate cable termination, a rip cord is included under the jacket.

The cable is supplied on 305 meters drums. Other construction lengths can be supplied on request.

Physical characteristics of the cable:

Characteristic	Value
Jacket color	Black
Jacket material	PE (Polyethylene)
Insulation material	HDPE (High Density Polyethylene)
Conductor diameter	24 AWG
Conductor Type	Solid
Insulation thickness	0,24 mm

Cable diameter	12,5 mm
Cable diameter	CMX (outdoor use cable)
NVP	66%
Frequency range	1-100 MHz
Operating temperature range	- 40°C to +75 °C
Number of meters per drum	305 m
Laboratory certification	UL, ETL VERIFIED

Compliant with TIA/EIA 568-A cat.5 standards; ISO/IEC 11801; EN 50173
Support for the following applications:

- Speech
- T1
- 10BASE-T, 100BASE-T
- Token Ring 4/16 Mb/s
- ATM 155 Mb/s, TP-PMD 100 Mb/s
- 100VG-AnyLAN
- 100 Mbps CDDI

Color coding:
Pair 1 White — Blue

Pair 2 White — Orange

Pair 3 White — Green

Pair 4 White — Brown

Pair 5 White — Grey

Pair 6 Red — Blue

Pair 7 Red — Orange

Pair 8 Red — Green

Pair 9 Red — Brown

Pair 10 Red — Grey

Pair 11 Black — Blue

Pair 12 Black — Orange

Electrical characteristics of the cable:

Characteristic	**Value**
Impedance	100 +/- 15 Ohm
Maximum capacitance	17.1 nF/305m
Conductor resistance	28.6 Ohm/305m
Unbalance resistance	5%
Pair capacitance to ground unbalance	330 pF/100m
Skew delay	45 ns/100m
Nominal velocity propagation rate	66%

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.