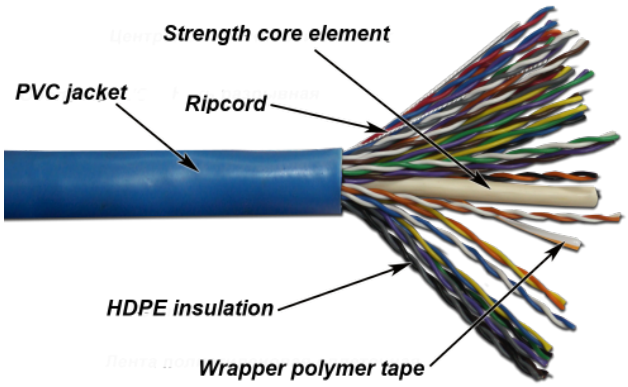
Паспорт изделия

TWT UTP cable, 25 pairs, Cat. 5, PVC, 305 meters per drum



Product Code: TWT-5UTP25

TWT UTP cable, 25 pairs, Cat. 5, PVC, 305 meters per drum

Description

The cable consists of 25 pairs of solid copper conductors.
Conductor diameter is 24AWG.
Each conductor is enclosed in HDPE (high-density polyethylene) insulation.

Meets the requirements of Category 5.

Two conductors, twisted with a specially selected step, make up one twisted pair.
Twisted pairs are assembled around the central element, wrapped in a plastic film and enclosed in a common PVC 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.

Characteristic	Value
Jacket color	Blue
Jacket material	PVC (polychlorinated vinyl chloride)
Insulation material	HDPE (High Density Polyethylene)
Conductor diameter	24 AWG
Conductor Type	Solid
Insulation thickness	0.24 mm
Cable diameter	13.8 mm
Fire safety rating	CMR (vertical tray cable)
NVP	66%
Frequency range	1-100 MHz
Operating temperature range	-20 °C / +75 °C

Number of meters per drum	305 m
Laboratory certification	UL

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 13 Black — Green
Pair 2 White — Orange	Pair 14 Black — Brown
Pair 3 White — Green	Pair 15 Black — Gray
Pair 4 White — Brown	Pair 16 Yellow — Blue
Pair 5 White — Grey	Pair 17 Yellow — Orange
Pair 6 Red — Blue	Pair 18 Yellow — Green
Pair 7 Red - Orange	Pair 19 Yellow — Brown
Pair 8 Red — Green	Pair 20 Yellow — Gray
Pair 9 Red — Brown	Pair 21 Purple — Blue
Pair 10 Red — Grey	Pair 22 Purple — Orange
Pair 11 Black — Blue	Pair 23 Purple — Green
Pair 12 Black — Orange	Pair 24 Purple — Brown
	Pair 25 Purple — Gray

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	35 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.