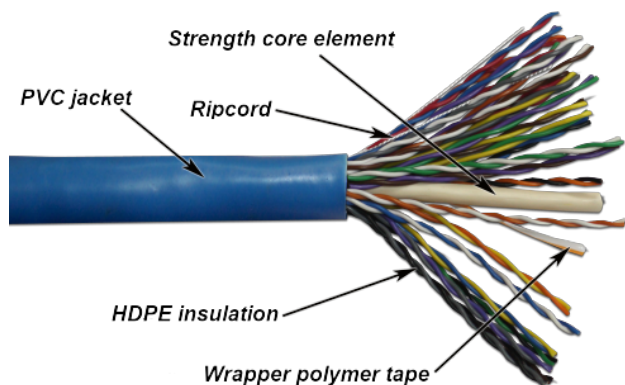


TWT UTP cable, 25 pairs, Cat. 5, PVC, 305 meters per drum

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 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

Pair 13 Black — Green
 Pair 14 Black — Brown
 Pair 15 Black — Gray
 Pair 16 Yellow — Blue
 Pair 17 Yellow — Orange
 Pair 18 Yellow — Green
 Pair 19 Yellow — Brown
 Pair 20 Yellow — Gray
 Pair 21 Purple — Blue
 Pair 22 Purple — Orange
 Pair 23 Purple — Green
 Pair 24 Purple — Brown
 Pair 25 Purple — Gray

Electrical characteristics of the cable:

Characteristic

Impedance
 Maximum capacitance
 Conductor resistance
 Unbalance resistance
 Pair capacitance to ground unbalance
 Skew delay
 Nominal velocity propagation rate

Value

100 +/- 15 Ohm
 17.1 nF/305m
 28.6 Ohm/305m
 5%
 330 pF/100m
 35 ns/100m
 66%

Model range

TWT-5UTP25	TWT UTP cable, 25 pairs, Cat. 5, PVC, 305 meters per drum
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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.