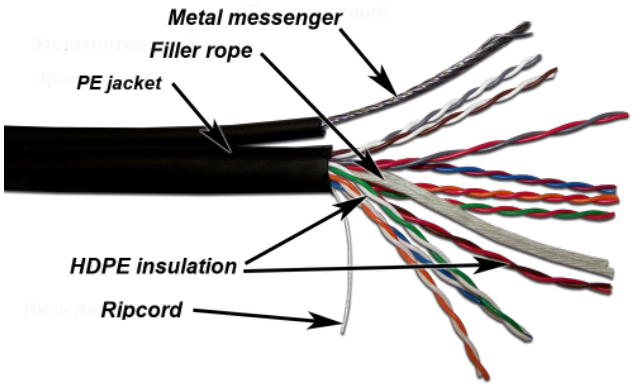
Паспорт изделия

TWT UTP cable, 10 pairs, Cat. 5e, for outdoor installation with messenger, 305 meters per drum



Product Code: TWT-5EUTP10-OUT-TR

TWT UTP cable, 10 pairs, Cat. 5e, for outdoor installation with messenger, 305 meters per drum

Description

Multi-pair non-shielded cable is intended for transmitting data, telephone and television signals at frequencies up to 100 MHz. The cable consists of 10 pairs of solid copper conductors. Outer jacket: PE. Conductor diameter is 24 AWG.

Each conductor is enclosed in HDPE (high-density polyethylene) insulation. Two conductors, twisted with a specially selected step, make up one twisted pair.

Twisted pairs are collected around the central element and enclosed in a common polyethylene (PE) jacket.

The cable includes a stranded steel messenger consisting of 7 steel wires of 0.5 mm diameter, the messenger jacket is connected to the cable jacket, forming a “figure of eight”. Cable with messenger is intended for hanging on overhead communication lines.

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

The cable is supplied in 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	0,2+/-0,05 mm
Cable diameter	7,5+/-0,5 mm
Frequency range	1-100 mHz
Operating temperature range	-40 ºC to +60 ºC
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
- 100 VG-AnyLAN
- 100 Mbps CDDI

Electrical characteristics of the cable:

Characteristic	Value
Impedance	100+/-15 Ohm
Unbalance resistance	5%
Pair capacitance to ground unbalance	330pF/100m
Skew delay	45ns/100m

Model range

TWT-5EUTP10-OUT-TR	TWT UTP cable, 10 pairs, Cat. 5e, for outdoor installation with messenger, 305 meters per drum

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.