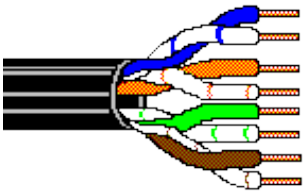
Four−Pair UTP CATEGORY 5e PATCH Cable 4x2x26 AWG
PVC jacket

Teldor P/N 7272604129



GENERAL CONSTRUCTION

This is a 4 pair, 26#, 100 Ω flexible UTP round patch cable.
The cable contains 4 twisted pairs, cabled together and jacketed with grey PVC compound for indoor use, fixed or portable installations.
This cable has a round configuration, yet it is compatible to the RJ−45 flat modular connector.

DETAILED SPECIFICATION

1. Basic Wires:

1.1. Conductor : Stranded bare−copper, 7x0.16 mm (26 AWG).
1.2. Insulation: Solid PO, 0.85 mm nom. dia.

2. Pairs Construction:

2.1.Total number of pairs: 4
2.2. Color code: Blue x White/Blue
Orange x White/Orange
Green x White/Green
Brown x White/Brown

3. Pair arrangement:

The four pairs are cabled together without any separation tape.

4. Overall jacket:

4.1. Material: Soft PVC compound.
4.2. Color : Grey.
4.3. Marking : per request, otherwise TELDOR standard marking.
4.4. Overall diameter: 4.8 mm nom, 5.0 mm max.

5. Total weight: 25 Kg/Km, nom.

6. ETL listed: CMX UL 1581 VW 1

Prepared By: Prepared By: Amir Yaari Revised By: Revised By: JACOB BEN−ARY Revision No: Revision No: 25 Date: Date: 20−April−2004

Patch Cables Cat5e IEC 61156−6 (50%) and EIA/TIA 568−B.2 (50%)

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DC Resistance 26#  : 145 Ohm/Km, max. @ 20C

Impedance          : 100 ± 15 Ohm @ 1−100 MHz
Attenuation        : Maximum values
                      3.2  dB/100m max. @    1    MHz
                      6.0  dB/100m max. @    4    MHz
                      9.5  dB/100m max. @   10    MHz
                     12.1  dB/100m max. @   16    MHz
                     13.5  dB/100m max. @   20    MHz
                     17.1  dB/100m max. @   31.25 MHz
                     24.8  dB/100m max. @   62.5  MHz
                     32.0  dB/100m max. @  100    MHz
NEXT               : Minimum NEXT attenuation values
Near−End             65    dB      min. @    1    MHz
Crosstalk Loss       56    dB      min. @    4    MHz
                     50    dB      min. @   10    MHz
                     47    dB      min. @   16    MHz
                     46    dB      min. @   20    MHz
                     43    dB      min. @   31.25 MHz
                     38    dB      min. @   62.5  MHz
                     35    dB      min. @  100    MHz
Capacitance          : 46 pF/m   nom. @       1 KHz
Voltage rating       : 230 V rms .
Dielectric strength  : 700 Volts AC/1 minute.
Insulation Resistance  : 5000 MOhm•Km min.
Velocity of Propagation: Solid insulation:    68% nom.
                         Cellular Insulation: 75% nom.
Propagation Delay    : 570 nS/100m max @ 1   MHz
                       545 nS/100m max @ 10  MHz
                       537 nS/100m max @ 100 MHz
Differential Delay Skew: 35  nS/100 m max @ 1−100 MHz
Capacitance Unbalance  : 3.2 pF/m max. @ 1 KHz (wire to ground).
Resistance Unbalance   : 2% max. @ 20C.
Return Loss          : 20   dB/100 m min. @ 1     MHz
                       25   dB/100 m min. @ 16    MHz
                       20.7 dB/100 m min. @ 62.5  MHz
                       19   dB/100 m min. @ 100.0 MHz
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Prepared By: Prepared By: Jacob Ben−Ary Revised By: Revised By: David Jacques Revision No: Revision No: 2 Date: Date: 15−January−2003