

24 AWG X 4P UTP CAT5e

Part NO: UTP-CAT5e 24AWG 4 PAIRS

Product Description

Application:

Horizontal Wiring in LAN CABLE

Reference Standard

ISO/IEC 11801

ANSI/TIA/EIA568-C

Multi-construction

4 Pairs (8 Cores)

Cable Construction

Conductor Solid Bare Copper

AWG 24

Conductor Dia. 0.45±0.005mm

Insulation HDPE

Thickness AVG: 0.21mm, MIN: 0.2mm

Insulation Dia. 0.87±0.01mm

Each Pair is twisted ,Unshielded

Polyester NO

Filler NO

AL/Pet NO

Drain Wire NO

Rip Cord Yes

Jacket PVC

Thickness AVG: 0.45mm, MIN: 0.43mm

Outer Dia. 4.7±0.1mm

Jacket Color GREY

Color

Insulation color are:

Blue, White/Blue

Orange, White/Orange

Green, White/Green

Brown, White/Brown

Marking

Cat5e utp/pvc 4 pair 24awg to ISO11801 001m,002m-305m

Packaging

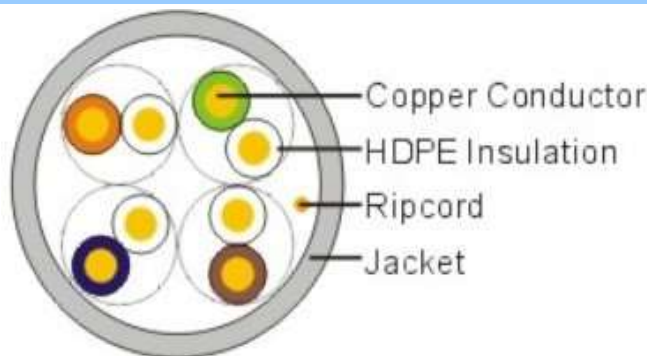
305M/PULL BOX

Pallet

REMARK

CPR Eca, ROHS COMPLIANT

Design



Performance

Frequency (MHz)	RL (dB) min.	Attenuation (dB/100m) max	NEXT (dB)	ELFEXT (dB)
1	20.0	2.02	65.30	63.80
4	23.0	4.10	56.30	51.70
8	24.5	5.80	51.80	45.70
10	25.0	6.50	50.30	43.80
16	25.0	8.20	47.30	39.70
20	25.0	9.30	45.80	37.70
25	24.3	10.40	44.30	35.80
31.25	23.6	11.70	42.90	33.90
62.5	21.5	17.00	38.40	27.80
100	20.1	22.00	35.30	23.80

Frequency (MHz)	PSNEXT (dB)	PSELFEXT (dB/100m)	Impedance (Ohm)
1	62.30	60.80	100±15
4	53.30	48.70	
10	47.30	40.80	
16	44.20	36.70	
20	42.80	34.70	
31.25	39.90	30.90	
62.5	35.40	24.80	
100	32.30	20.80	

Characteristics

Max.Conductor DC Resistance at 20℃ (Ω /Km)	<115
Rated Temperature(℃)	75
Rated Voltage(V)	300V
Velocity ratio (	66%

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