

## 24AWGX4P UTP CAT5E

Part NO: UTP-CAT5E

**Product Description**

**Application:**

Horizontal Wiring in LAN CABLE

**Reference Standard**

ISO/IEC 11801

TIA/EIA568B

**Multi-construction**

4 Pairs (8 Cores)

**Cable Construction**

**Conductor** Solid Bare Copper

AWG 24

Conductor Dia. 0.450±0.005mm

**Insulation** Solid PE

Thickness AVG: 0.23mm, MIN: 0.20mm

Insulation Dia. 0.830±0.02mm

**Each Pair is twisted ,Unshielded**

**Polyester** NO

**Filler** NO

**AL/Pet** NO

**Drain Wire** NO

**Rip Cord** Yes

**Jacket** LSZH

Thickness AVG: 0.65mm, MIN: 0.55mm

Outer Dia. 4.8±0.30mm

Jacket Color /

**Color**

**Insulation color are:**

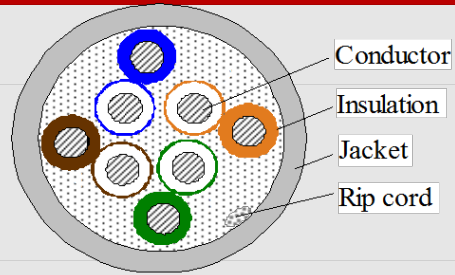
Blue, White/Blue

Orange, White/Orange

Green, White/Green

Brown, White/Brown

**Design**



**Marking**

According to customer

**Packaging**

305m/color box

**Remark**

**Characteristics**

Max. Conductor DC Resistance at 20°C (Ω/Km) <93.8

Rated Temperature(°C) 75

Rated Voltage(V) 300V

Velocity ratio 65%

**TIA Cat 5e Perm. Link**

Wire Map	Res.	Length	Prop. Delay	Delay Skew	Freq.	Insertion Loss	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
	Ω	Max.	nS	nS	MHz	dB	dB	dB	dB	dB	dB	dB	dB
12345678	i	90 m	498	44	1	3	60.0	19.0	57.0	58.6	57.0	54.0	55.6
12345678					4	3.9	54.8	19.0	50.9	46.6	51.8	47.9	43.6
					8	5.5	50.0	19.0	44.5	40.6	47.0	41.5	37.6
12345678S					10	6.2	48.5	19.0	42.3	38.6	45.5	39.3	35.6
12345678S					16	7.9	45.2	19.0	37.3	34.5	42.2	34.3	31.5
					20	8.9	43.7	19.0	34.8	32.6	40.7	31.8	29.6
					25	10	42.1	18.0	32.1	30.7	39.1	29.1	27.7
					31.25	11.2	40.5	17.1	29.3	28.7	37.5	26.3	25.7
					62.5	16.2	35.7	14.1	19.4	22.7	32.7	16.4	19.7
					100	21	32.3	12.0	11.3	18.6	29.3	8.3	15.6