

CAT 5E 4-PAIR UTP 24AWG SOLID COPPER CABLE

Description

RFI Cat 5E UTP Cable consists of 4 pairs of 24 AWG solid copper conductors insulated with High Density Polyethylene (HDPE). Each pair is precisely twisted to minimize crosstalk between the pairs. Ripcord for easily split the outer shielding. The cable is covered with a Polyvinyl Chloride (PVC) Outer Jacket. Options are available for LSZH Jacket.

Application

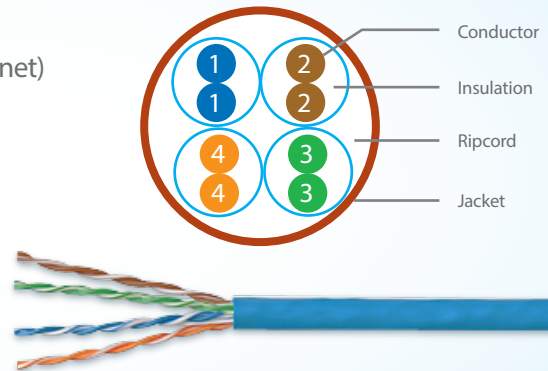
- 100 Base-T4
- 100 Base-TX
- 1000Base-T (Gigabit Ethernet)

Standard

- ANSI/TIA-568.2-D
- ISO 11801 Class D
- RoHS

Features

- 24 AWG Solid Copper Conductors
- PVC or LSZH
- CM, RoHS compliance
- Ripcord
- Tested to 250MHz



Physical Characteristics

Conductor Ø (mm)	Insulation (mm)		Outer Jacket (mm)	
	Nom. Thickness	Overall Ø	Nom. Thickness	Overall Ø
0.50 ± 0.01	0.2	0.91 ± 0.05	0.52	5.2 ± 0.05

Electrical Characteristics

Freq (MHz)	RL (dB) (dB/100m)	Attn (dB/100m)	NEXT (dB/100m)	ACR (dB)	PSNEXT (dB)	PSACR (dB)	ELFEXT (dB)	PSELFEX (dB)
1.0	20.0	2.0	65.3	63.3	62.3	60.3	63.8	60.8
4.0	23.0	4.1	56.3	52.2	53.3	49.2	45.7	48.8
10.0	25.0	6.5	50.3	43.8	47.3	40.8	43.8	40.8
16.0	25.0	8.2	47.2	39.0	44.3	36.1	39.7	36.7
20.0	25.0	9.3	45.8	36.5	42.8	33.5	37.8	34.8
31.25	23.6	11.7	42.9	31.2	39.9	28.2	33.9	30.9
62.25	21.5	17.0	38.4	21.4	35.4	18.4	27.9	24.9
100.0	20.1	22.0	35.3	13.3	32.3	10.3	23.8	20.8
200.0	19.0	32.0	30.8	-1.2	30.8	-1.2	17.7	14.7

Ordering information

Part No.	Description
RCD-5EU3904-1yx	Cat 5E 4-pair U/UTP 24 Awg Solid Copper Cable, CM, PVC, 305M
RCD-5EU1904-1yx	Cat 5E 4-pair U/UTP 24 Awg Solid Copper Cable, LSZH, 305M
RCD-5EF3004-1yx	Cat 5E 4-pair F/UTP 24 Awg Solid Copper Cable, CM, PVC, 305M

*y = 0 - blue, 1 - orange, 2 - aqua, 3 - sky blue, 4 - grey, 5 - white, 6 - red, 7 - black, 8 - yellow, 9 - purple

*x = A, D, K, N

*Other length is available upon request.