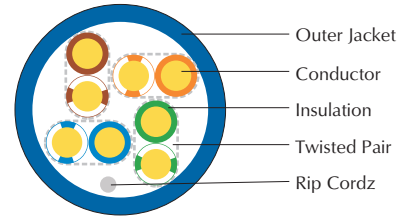


Copper Cable

UTP CAT5e Cable



NP-C500



Description:

Solid Cable: UTP, Cat.5e, 24AWG, 4P, Horizontal Cable, Solid Copper
 Stranded Cable: UTP, Cat.5e, 24AWG, 4P, Patch Cable, Stranded Copper

Wire Color Code:

Pair 1: White/Blue & Blue Pair2: White/Orange & Orange
 Pair 3: White/Green & Green Pair4: White/Brown & Brown

Standards:

Horizontal Cable (solid copper)/ Patch Cable (stranded coppers): UL 444 / CSA - C22.2 No.214, Type CM
 TIA/EIA-568A

Physical Characteristics:

Conductor:	Horizontal Cable: Electrolytic Solid Copper 1 x 24AWG (1/0.5mm) Patch Cable: Electrolytic stranded coppers 7x32AWG (7/0.2mm)
Insulation:	Polyolefin, Medium Density Polyethylene
Overall Jacket:	PVC, LSZH
Outer Diameter:	5.5mm
Max. Install Tension:	100 N
Min. Bending Radius:	Installation: 40 mm / Operation: 20 mm
Temperature Rating:	Installation: 0~+50 °C / Operation: -20~+60 °C
Packaging:	Reel Box / 305m

Transmission Requirements:

Frequency	Impedance	Pr-Pr NEXT	PS NEXT	Pr-Pr ELFEXT	PS ELFEXT	SRL	R. Loss (Patch)	Atten. (Patch)	R. Loss (Solid)	Atten. (Solid)
MHz	Ohm	dB/100m	dB/100m	dB/100m	dB/100m	dB/100m	dB/100m	dB/100m	dB/100m	dB/100m
1	100+/-15	65.3	62.3	63.8	60.8	23	20	2.4	20	2.0
10	100+/-15	50.3	47.3	43.8	40.8	23	25	7.8	25	6.5
16	100+/-15	47.3	44.4	39.7	36.7	23	25	9.9	25	8.2
20	100+/-15	45.8	42.8	37.7	34.7	23	25	11.1	25	9.3
25	100+/-15	44.4	41.3	35.8	32.8	22	24.2	12.5	24.3	10.4
31.25	100+/-15	42.9	39.9	33.9	30.9	21	23.3	14.1	23.6	11.7
62.5	100+/-15	38.4	35.4	27.8	24.8	18	20.7	20.4	21.5	17.0
100	100+/-15	35.3	32.3	23.8	20.8	16	19	26.4	20.1	22.0
200	100+/-15	30.8	27.8	17.8	14.8	14	17.1	36.8	18.0	32.4
250	100+/-15	29.3	26.3	15.8	12.8	12	16.8	44.3	17.3	36.9