

CAT6 24AWG UTP

Ethernet Patch Cable



For more information or to order, please contact **Monoprice Sales Representative** or sales@monoprice.com

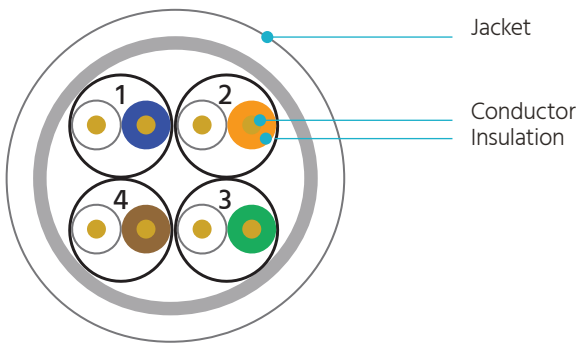
Construction

Conductor	24AWG
Material:	BC
Nom. OD:	7/0.2±0.008mm
Insulation:	PE
Nominal Thickness:	0.18mm Min: 0.02mm
Nom. OD:	0.97±0.05mm
Jacket	PVC
Nominal Thickness:	0.67mm Min: 0.05mm
Nom. OD:	5.8±0.3mm

Electrical Characteristics

Conductor Resistance@20 °C ≤ 87.6 Ohms/km

	LOSS	NEXT	RL	ACR-N	ACR-F	PS NEXT	PS ACR-N	PS ACR-F
MHz	dB	dB	dB	dB	dB	dB	dB	dB
1	3.0	65	19	62	63.3	62	59	60.3
4	4.0	63	19	59	51.2	60.5	56.5	48.2
8	5.7	58	19	52.2	45.2	55.6	49.9	42.2
10	6.3	56.6	19	50.2	43.3	54	47.7	40.3
16	8.0	53.2	18	45.2	39.2	50.6	42.6	36.2
20	9.0	51.6	17.5	42.6	37.2	49	39.9	34.2
25	10.1	50	17	39.9	35.3	47.3	37.2	32.3
31.25	11.4	48.4	16.5	37	33.4	45.7	34.3	30.4
62.5	16.5	43.4	14	26.9	27.3	40.6	24.1	24.3
100	21.3	39.9	12	18.6	23.3	37.1	15.8	20.3
200	31.5	34.8	9	3.3	17.2	31.9	0.3	14.2
250	35.9	33.1	8	-2.8	15.3	30.2	-5.8	12.3



Mechanical Characteristics

Storage Temperature Range 0 °C to 45 °C

Installation Temperature Range 0 °C to 75 °C

Maximum Pulling Force 100 lbs.

Wire Connection

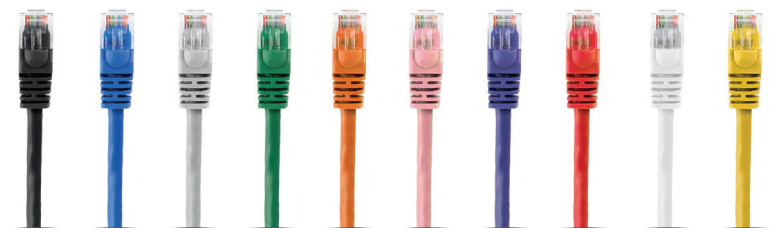
Pair 1 White + Blue	Pair 3 White + Green
Pair 2 White + Orange	Pair 4 White + Brown



Ratings/Certifications

UL, RoHS, REACH

Jacket Marking: MONOPRICE TYPE CM 24AWG 4PR 75°C (UL) E467139 ANSI/TIA-568-C.2 CAT.6 UTP 250MHz RoHS COMPLIANCE



Colors: Black, Blue, Gray, Green, Orange, Pink, Purple, Red, White, and Yellow

Lengths: 0.5, 1, 2, 3, 5, 7, 10, 14, 20, 25, 30, 50, 75, and 100 feet