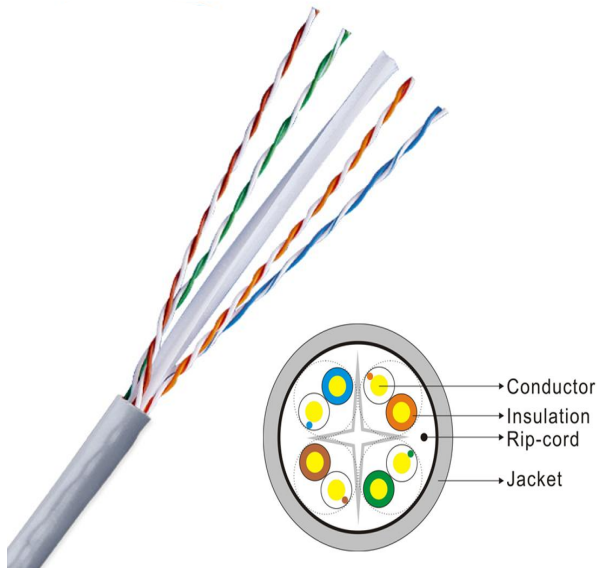


U/UTP CAT6 4P 23AWG 10G



SAFE EYE



Features:

- Unshielded Twisted Pairs
- Meets ISO/IEC 11801, EIA/TIA 568B standards
- Fluke Test Passed
- Operating Temperature: -20°C to +75°C

SPECIFICATIONS

Conductor	Material	Solid Bare Copper
	AWG	23AWG
	Size	$\Phi 0.57\text{mm} \pm 0.02$
Insulation	Material	HDPE
	Diameter	$\Phi 1.02 \pm 0.02\text{mm}$
	Thickness	0.223mm
Cross	PE Separator	
Jacket	Material	PVC
	Diameter	$\Phi 5.9 \pm 0.02\text{mm}$
	Thickness	0.55mm

APPLIANCE

- Cable for data transmission in structured cabling networks, horizontal and secondary facilities.
- All sizes and values without tolerances are reference values. We reserve the right to amend the specification without prior notice.

ELECTRICAL CHARACTERISTICS :

- Conductor Resistance: $< 9.5\Omega / 100\text{m}$ at 20°C
- Insulation Resistance: 100M Ohms.KM. Min at 20°C
- Resistance Unbalance: 5% Max
- Dielectric Test: 1000V DC/1min; No Breakdown
- Voltage Rating: 30V
- Jacket Tensile Strength: $\geq 17.995\text{ Mpa}$
- Jacket Elongation: $\geq 280\%$
- Transmission Frequency: 250MHz
- Operating temp: -20°C to +75°C
- Standard: ISO/IEC 11801, EIA/TIA 568B

TRANSMISSION PERFORMANCE

Frequency (MHz)	Attenuation (db/100m)	Next (db/100)	PSNEXT (db/100)	ELFEXT (db/100)	RL DB	Phase (ns/100)
1	2.0	74.3	72.3	67.8	20.0	570.0
4	3.8	65.3	63.3	55.8	23.0	552.0
8	5.3	60.8	58.8	49.7	24.5	547.0
10	6.0	59.3	57.3	47.8	25.0	545.0
16	7.6	56.2	54.2	43.7	25.0	543.0
20	8.5	54.8	52.8	41.8	25.0	542.0
25	9.5	53.3	51.3	39.8	24.3	541.0
31.25	10.7	51.9	49.9	37.9	23.6	540.0
62.5	15.4	47.4	45.4	31.9	21.5	539.0
100	19.8	44.3	42.3	27.8	20.1	538.0
200	29.0	39.8	37.8	21.8	18.0	537.0
250	32.8	38.3	36.3	19.8	17.3	536.0