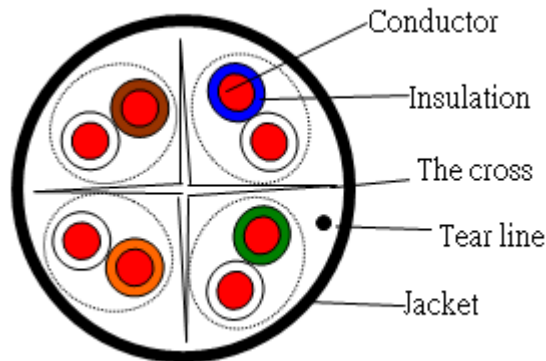


SUN-Cat6 Indoor UTP Cable

Structure



Applications

- 100 Base-TX
- 100 Base-T
- 100VG-AnyLAN
- 1000 Base-T(Gigabit Ethernet)
- 1000 Base-TX

Specifications

Parameters		Specification
Type		CAT6 UTP
Conductor		23 AWG
Conductor	Material	Bare Copper
	O.D (mm)	1/0.57
Insulation	Material	HDPE
	Average Thickness (mm)	0.21 ± 0.003
	Min. Point Thickness (mm)	0.16
	O.D (mm)	1.0 ± 0.03mm
Pair		1.Blue/ blue &white 2.Orange/ orange &white 3.Green/ green &white 4.Brown/ brown &white
Tear Line		Yes
Sheath	Average Thickness (mm)	0.6 ±0.05
	Outer Diameter (mm)	6.2 ±0.2
	Material	PVC
	Color	Gray (other color optional)
Sheath Physical Properties	Tensile before aging (MPA)	≥ 13
	Elongation before aging PVC (%)	≥ 180
Packing Length (M)		305
Inner Box, Carton (M/Roll)		305
Rated Temperature (°C)		75



Electrical Characteristics

Frequency (MHz)	Max Attenuation(dB/100M)	Min NEXT(dB/100M)	Min ELFEXT(dB/100M)
1	1.84	72.3	68
4	3.69	63.3	56
8	5.26	58.8	49.9
10	5.89	57.3	48
16	7.5	54.2	43.9
20	8.43	52.8	42
25	9.47	51.3	40
31.25	10.64	49.9	38.1
62.5	15.36	45.4	32.1
100	19.78	42.3	28
200	29	37.8	22
250	32.5	36.2	19.8

Note: For the necessity of improvement, the material contained in this document is subject to change without notice.

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