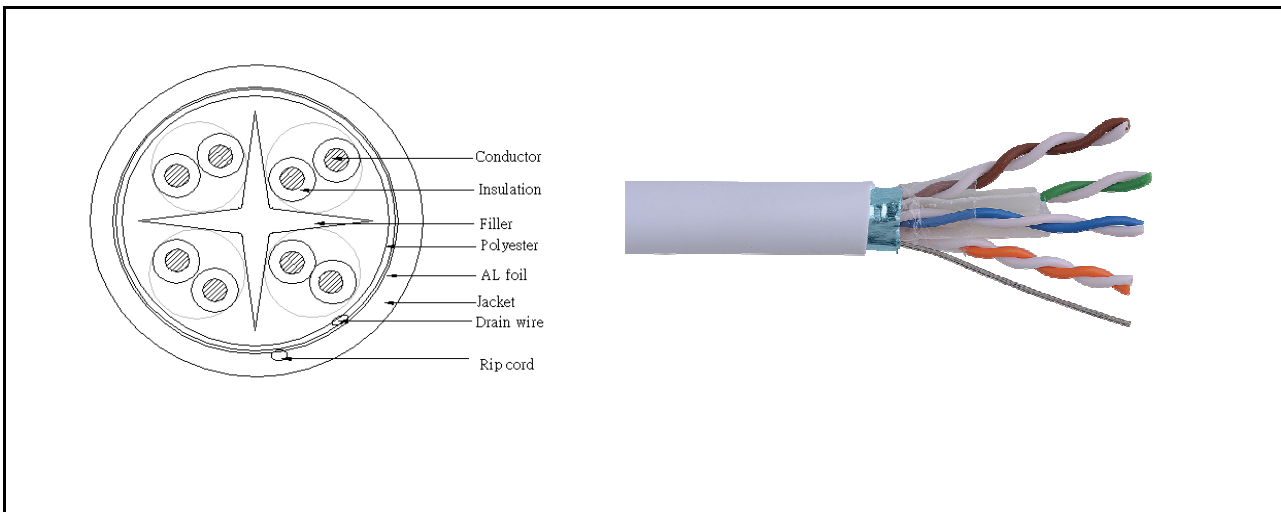




Netway CAT6A 4 pairs F-UTP cable are manufactured and tested to ISO/IEC 11801, TIA/EIA 568B and EN 50173 Category 6 specifications. Every cord consists of 8 colour 23AWG polyethylene insulated conductors. The conductors are twisted together to form 4 pairs.



Specification

Category 6A compliant, ISO/IEC 18001 & IEC 61156

Conductor	Solid Bare Copper
Basic conductor	Solid AWG23
Insulation	PE
Average Thickness(mm)	0.28
Insulation Dia (+/-0.08mm)	1.14
Twisting lay length(mm)	30 underneath
Cabling Lay Length(mm)	200 underneath
Filler(Cross)	PE
PET	Yes
Drain	Solid Tinned Copper
Diameter	0.4
AL-PET	Yes
Jacket	LSZH
Average Thickness(+/- 0.05mm)	0.52
Min Point Thickness(mm)	0.46
Outer Dia (+/-0.3mm)	7.2
Rip Cord	Yes

Total number of insulated conductors: 8 , Twisted in 4 pairs

Color code: Blue-White, Orange-White, Green-White, Brown-White

Overall shielding: Aluminium foil , provide 100% coverage



Specification

Storage temperature: -20°C - +60°C

Installation temperature: 0°C - +50°C

Operating temperature: 20°C - +75°C

Standard Of Flame Retardancy: IEC 60332-1-1 (1,2) (2004-07)

Jacket color: purple

Category: CAT6A

Length: 305 / 500Meters

Electrical Characteristics:				
Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB/100m)	PSNEXT (dB)	Return loss (dB)
1	2.0	74.0	72.3	20
4	3.7	65.0	63.3	23
10	5.9	59.0	57.3	25
16	7.5	56.0	54.2	25
20	8.4	55.0	52.8	25
31.25	10.6	52.0	49.9	23.6
62.5	15.4	47.0	45.4	21.5
100	19.8	44.0	42.3	20.1
200	29.0	40.0	37.8	18
250	32.8	38.3	36.3	17.3
300	36.4	37.1	34.1	16.8
500	48.9	33.8	30.8	15.2

Frequency (MHz)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)
1	68.0	65.0
4	56.0	53.0
10	48.0	45.0
16	43.9	40.9
20	42.0	39.0
31.25	38.1	35.1
62.5	32.1	29.1
100	28.0	25.0
200	22.0	19.0
250	20.0	17.0
300	18.5	15.5
500	14.0	11.0

Impedance (ohm)	1~300MHZ	100+/-15
	300~500MHZ	100+/-22
VOP(%)	70.0	

Max

Part Number	Description	Length/Drum
N2335D-5-PP	CAT6A 23AWG 4 pairs F-UTP Cable, LSZH Jacket: Purple Colour	500Meters
N2335D-3-PP	CAT6A 23AWG 4 pairs F-UTP Cable, LSZH Jacket: Purple Colour	305Meters