

NEWPOWER CAT6

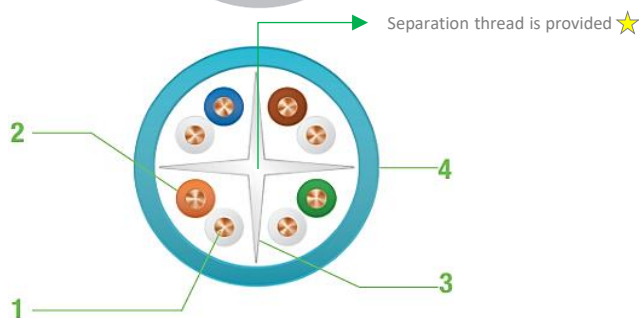
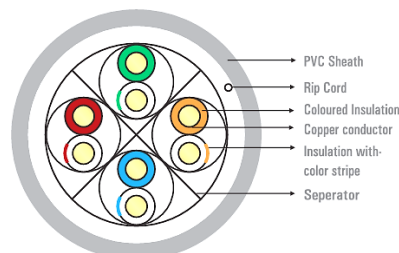
Applications:

- Gigabit Ethernet
- Multimedia
- Video and audio
- data
- Residential complexes
- offices
- Factories

Technical Specifications Description

Type	U/UTP
Number of pairs	4 pairs
Rated voltage	24 V
Resistance	7.6/100m
Wire gauge	23 AWG
Material	PVC
Length	305 m
Ta	-20 ~+55 °C
Stranding	Solid
Conductor Count:	8
Insulation	Polyethylene
Conductor DCR	> 4%
Impedance	91.21 ~ 111.36
Delay skew	20 ns/100m
Coupling Attenuation Class:	Type III
Segregation class	a
Data Category:	Category 6
ISO/IEC Compliance:	ISO/IEC 11801
CENELEC Compliance:	EN 50173-1
CPR Euroclass:	Eca
ANSI Compliance:	ANSI/TIA/EIA 568-C.2
ISO/IEC Flammability:	IEC 60332-1
Color pair 1	White/Blue & Blue
Color pair 2	White/Orange & Orange
Color pair 3	White/Green & Green
Color pair 4	White/Brown & Brown
Main Color	Gray

NEWPOWER CAT6 cable ensures connection reliability and maximum signal transmission, it is anti-oxidation and corrosion resistant with long life performance, CAT6 Ethernet cable supports data transmission speeds up to 250MHz (10 times faster than Cat5 cables).



- 1. Conductor** : solid bare copper AWG23
- 2. Insulation** : PE HD
- 3. Central member** : White or transparent thermoplastic cross
- 4. Outer sheath** : PVC - light GrayRAL 5024

ITEM	UNIT	Standard		results
Phase delay	Ns/100m	Frequency (Mhz)	Standard Value	
		4	W552	508.14
		8	W547	502.36
		10	W545	501.25
		16	W543	498.73
		20	W542	497.31
		25	W541	497.49
		31.25	W540	496.67
		62.5	W539	494.02
		100	W538	493.79
		200	W537	492.26
		250	W536	491.44