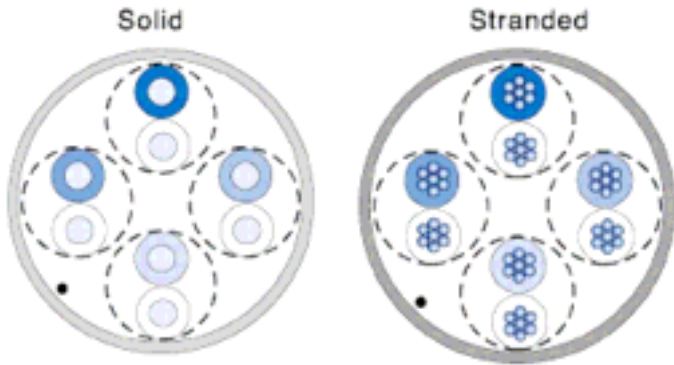




# Lan Cable

Cat 5

## UTP Type



## Product Description

Conductor: 24AWG, Solid / Stranded Bare Copper

Insulation: Polyolefin

Color Code:

Pair 1: Blue, White/Blue

Pair 2: Orange, White/Orange

Pair 3: Green, White/Green

Pair 4: Brown, White/Brown

Shield: Mylar tape, Aluminum-mylar tape, drain wire (Only for STP Type)

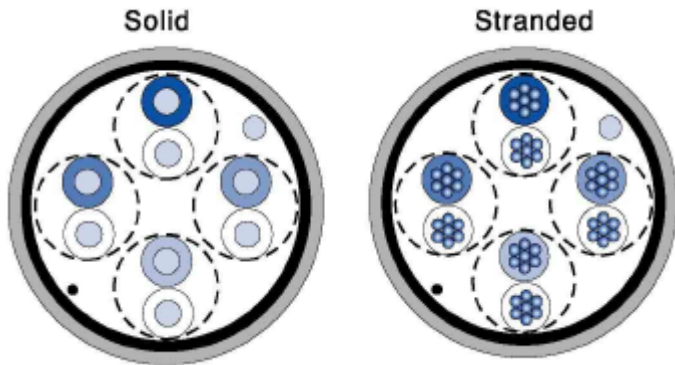
Jacket: PVC

Standard:

UL444 Type CM, CMR

CAS-FT4, FT6

## STP Type



## Application:

LAN cable is suitable for perfect AUDIO DATA & Video of transfer for Local Area Network.

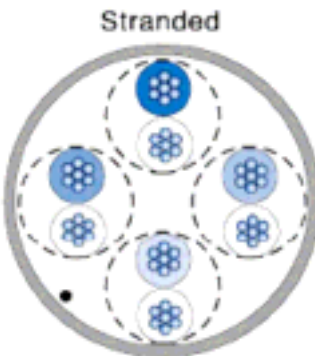
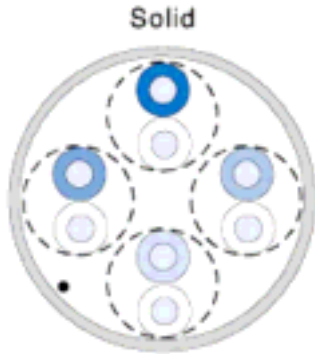
Frequency Mhz	Characteristic Ohms	Structural Return Loss (worst pair) (dB)				NEXT (dB)				Attenuation (Horizontal cable) (dB)			
		UTP		STP		UTP		STP		UTP		STP	
		Solid	Strand	Solid	Strand	Solid	Strand	Solid	Strand	Solid	Strand	Solid	Strand
1.0	100 ± 15	23	23	23	23	62	62	62	62	2.0	2.4	2.1	3.2
10.0	100 ± 15	23	23	23	23	47	47	47	47	6.5	7.8	6.6	9.9
16.0	100 ± 15	23	23	23	23	44	44	44	44	8.2	9.9	8.2	12.3
20.0	100 ± 15	23	23	23	23	42	42	42	42	9.3	11.1	9.2	13.8
25.0	100 ± 15	22	22	22	22	41	41	41	41	10.4	12.5	10.4	15.6
31.25	100 ± 15	21	21	21	21	39	39	40	40	11.7	14.1	11.8	17.7
62.5	100 ± 15	18	18	18	18	35	35	35	35	17.0	20.4	17.1	25.7
100.0	100 ± 15	16	16	16	16	32	32	32	32	22.0	26.4	22.0	33.0



# Lan Cable

## Cat 5E

### UTP Type



### Product Description

**Conductor:** 24AWG, Solid / Stranded Bare Copper

**Insulation:** Polyolefin

**Color Code:**

**Pair 1:** Blue, White/Blue

**Pair 2:** Orange, White/Orange

**Pair 3:** Green, White/Green

**Pair 4:** Brown, White/Brown

**Jacket:** PVC

**Standard:**

ISO/IEC-11801

UL444 Type CM, CMR

CAS-FT4, FT6

### Application:

LAN cable is suitable for perfect AUDIO DATA & Video of transfer for Local Area Network.

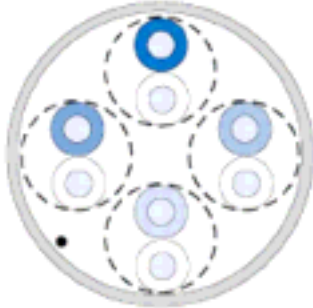
Frequency Mhz	Attenuation (Horizontal cable) (dB/100m)		Pr-Pr NEXT dB/100m	PSNEXT dB/100m	Pr-Pr ELFEXT dB/100m	PSELFEXT dB/100m	Structural Return Loss (worst pair) dB/100m	Return Loss dB/100m
	Solid	Strand						
1.0	2.0	2.4	65.3	62.3	63.8	60.8	23	19
10.0	6.5	7.8	50.3	47.3	43.8	40.8	23	22
16.0	8.2	9.9	47.3	44.4	39.7	36.7	23	22
20.0	9.3	11.1	45.8	42.8	37.7	34.7	23	22
25.0	10.4	12.5	44.4	41.3	35.8	32.8	22	21.3
31.25	11.7	14.1	42.9	39.9	33.9	30.9	21	20.6
62.5	17.0	20.4	38.4	35.4	27.8	24.8	18	18.5
100.0	22.0	26.4	35.3	32.3	23.8	20.8	16	17.1



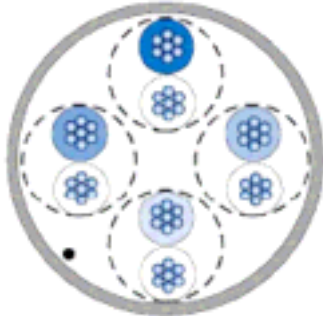
# Lan Cable

## Cat 6

Solid



Stranded



### Product Description

**Conductor:** 24AWG, Solid / Stranded Bare Copper

**Insulation:** Polyolefin

**Color Code:**

**Pair 1:** Blue, White/Blue

**Pair 2:** Orange, White/Orange

**Pair 3:** Green, White/Green

**Pair 4:** Brown, White/Brown

**Jacket:** PVC

**Standard:**

ISO/IEC-11801

UL444 Type CM, CMR

CAS-FT4, FT6

### Application:

LAN cable is suitable for perfect AUDIO DATA & Video of transfer for Local Area Network.

Frequency Mhz	Characteristic Impedance Ohms	Attenuation (Horizontal cable) dB/100m		Pr-Pr NEXT dB/100m	PSNEXT dB/100m	ACR dB/100m		Pr-Pr NEXT dB/100m	PSELFEXT dB/100m
		Solid	Strand			Solid	Strand		
0.772	100 ± 15	1.8	2.2	76.0	74.0	74.2	73.8	70.0	67.0
1	100 ± 15	2.0	2.4	74.3	72.3	72.3	71.9	67.8	64.8
4	100 ± 15	3.8	4.6	65.3	63.3	61.5	60.7	55.7	52.7
8	100 ± 15	5.4	6.5	60.8	58.8	55.4	54.3	49.7	46.7
10	100 ± 15	6.0	7.2	59.3	57.3	53.3	52.1	47.8	44.8
16	100 ± 15	7.7	9.6	56.3	54.3	48.6	46.7	43.7	40.7
20	100 ± 15	8.6	10.8	54.8	52.8	46.2	44.0	41.7	38.7
25	100 ± 15	9.6	13.0	53.3	51.3	43.7	40.3	39.8	36.8
31.25	100 ± 15	10.8	14.0	51.9	49.9	41.1	37.9	37.9	34.9
62.5	100 ± 15	15.7	21.0	47.4	45.4	31.7	26.4	31.8	28.8
100	100 ± 15	20.2	27.0	44.3	42.3	24.1	17.3	27.8	24.8
200	100 ± 15	29.8	38.5	39.8	37.8	10.0	1.3	21.7	18.7
225	100 ± 15	31.8	42.0	39.0	37.0	7.2	-3.0	20.7	17.7
250	100 ± 15	33.8	44.5	38.3	36.3	4.6	-6.2	19.8	16.8
275	100 ± 15	35.7	49.9	37.7	35.7	2.0	-12.2	19.0	16.0
300	100 ± 15	37.5	52.5	37.2	35.2	-0.3	-15.3	18.2	15.2
350	100 ± 15	41.2	57.5	36.2	34.2	-5.0	-21.3	16.9	13.9