



Copper Cable, category 6, outdoor, anti-rodent, UTP, 4-pair, 23 AWG, black

## Product Classification

<b>Regional Availability</b>	Asia
<b>Portfolio</b>	NETCONNECT®
<b>Product Type</b>	Twisted pair cable

## General Specifications

<b>ANSI/TIA Category</b>	6
<b>Cable Component Type</b>	Horizontal
<b>Cable Type</b>	U/UTP (unshielded)
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	8
<b>Jacket Color</b>	Black
<b>Pairs, quantity</b>	4
<b>Transmission Standards</b>	ANSI/TIA-568.2-D   ISO/IEC 11801 Class E

## Dimensions

<b>Cable Length</b>	304.8 m   1000 ft
<b>Diameter Over Jacket, nominal</b>	7.188 mm   0.283 in
<b>Conductor Gauge, singles</b>	23 AWG

## Electrical Specifications

<b>Remote Powering</b>	Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A
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## Electrical Cable Performance

<b>CS</b>	CommScope	<b>NEXT</b>	Near End Crosstalk (dB/100m)
<b>STD</b>	Refers to the standard value listed under Transmission Standards in the Electrical Specifications above	<b>PSNEXT</b>	Power Sum Near End Crosstalk (db/100m)
<b>TYP</b>	Typical Electrical Performance	<b>ACRF</b>	Attenuation to Crosstalk Ratio - Far End (dB/100m)
<b>IL</b>	Insertion Loss (dB/100m)	<b>RL</b>	Return Loss (dB)
<b>ACR</b>	Attenuation to Crosstalk Ratio (dB/100m)	<b>ELTCTL</b>	Equal Level Transverse Conversion Transfer Loss (dB/100m)
<b>PSACR</b>	Power Sum Attenuation to Crosstalk Ratio (dB/100m)		
<b>PSACRF</b>	Power Sum Attenuation to Crosstalk Ratio - Far End (dB/100m)		
<b>TCL</b>	Transverse Conversion Loss (dB/100m)		

Freq. MHz	IL	NEXT	ACR	PSNEXT	PSACR	ACRF	PSACRF	RL
	STD	STD	STD	STD	STD	STD	STD	STD
1	2	74.3	72.3	72.3	70.3	67.8	64.8	20
4	3.8	65.3	61.5	63.3	59.5	55.8	52.8	23
8	5.3	60.8	55.5	58.8	53.5	49.7	46.7	24.5
10	6	59.3	53.3	57.3	51.3	47.8	44.8	25
16	7.6	56.2	48.6	54.2	46.6	43.7	40.7	25
20	8.5	54.8	46.3	52.8	44.3	41.8	38.8	25
25	9.5	53.3	43.8	51.3	41.8	39.8	36.8	24.3
31.25	10.7	51.9	41.2	49.9	39.2	37.9	34.9	23.6
62.5	15.4	47.4	32	45.4	30	31.9	28.9	21.5
100	19.8	44.3	24.5	42.3	22.5	27.8	24.8	20.1
200	29	39.8	10.8	37.8	8.8	21.8	18.8	18
250	32.8	38.3	5.5	36.3	3.5	19.8	16.8	17.3

## Material Specifications

<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	Polyolefin
<b>Jacket Material</b>	Low Smoke Zero Halogen (LSZH)   UV resistant
<b>Inner Jacket Material</b>	PE

## Mechanical Specifications

<b>Minimum Bend Radius, single Bend</b>	28 mm   1.102 in
<b>Pulling Tension, maximum</b>	14.061 kg   31 lb

## Environmental Specifications

<b>Operating Temperature</b>	-20 °C to +70 °C (-4 °F to +158 °F)
<b>Environmental Space</b>	Cable is not suitable for direct burial applications   Indoor   Outdoor

## Packaging and Weights

**Packaging Type**

Reel

## Regulatory Compliance/Certifications

**Agency**

**Classification**

CHINA-ROHS

Below maximum concentration value

REACH-SVHC

Compliant as per SVHC revision on [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

UK-ROHS

Compliant

