



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

## Product Classification

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

## Construction Materials

<b>Jacket Material</b>	Low Smoke Fire Retardant Zero Halogen (LSFRZH)   UV resistant
<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	Polyolefin

## Dimensions

<b>Diameter Over Jacket, nominal</b>	7.188 mm   0.283 in
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## Electrical Performance

Frequency MHz	Insertion Loss (dB/100m)	RL (dB)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT( dB)	ACR (dB)	PSACR (dB)
1	2.0	20.0	74.3	72.3	67.8	64.8	72.3	70.3
4	3.8	23.0	65.3	63.3	55.8	52.8	61.5	59.5
8	5.3	24.5	60.8	58.8	49.7	46.7	55.5	53.5
10	6.0	25.0	59.3	57.3	47.8	44.8	53.3	51.3
16	7.6	25.0	56.2	54.2	43.7	40.7	48.6	46.6
20	8.5	25.0	54.8	52.8	41.8	38.8	46.3	44.3
25	9.5	24.3	53.3	51.3	39.8	36.8	43.8	41.8
31.25	10.7	23.6	51.9	49.9	37.9	34.9	41.2	39.2
62.5	15.4	21.5	47.4	45.4	31.9	28.9	32.0	30.0
100	19.8	20.1	44.3	42.3	27.8	24.8	24.5	22.5
200	29.0	18.0	39.8	37.8	21.8	18.8	10.8	8.8
250	32.8	17.3	38.3	36.3	19.8	16.8	5.5	3.5

## Electrical Specifications

<b>ANSI/TIA Category</b>	6
<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
<b>Transmission Standards</b>	ANSI/TIA-568-C.2   ISO/IEC 11801 Class E

## Environmental Specifications

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

## General Specifications

<b>Cable Type</b>	U/UTP (unshielded)
<b>Packaging Type</b>	Reel
<b>Pairs, quantity</b>	4
<b>Cable Component Type</b>	Horizontal
<b>Jacket Color</b>	Black
<b>Conductor Gauge, singles</b>	23 AWG
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	8

## Mechanical Specifications

<b>Minimum Bend Radius, single bend</b>	28.00 mm   1.10 in
<b>Pulling Tension, maximum</b>	14 kg   31 lb

## Regulatory Compliance/Certifications

**Agency**

RoHS 2011/65/EU

**Classification**

Compliant

