



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

Product Classification

Regional Availability	Asia
Portfolio	NETCONNECT®
Product Type	Twisted pair cable

General Specifications

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

Dimensions

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

Electrical Specifications

Remote Powering	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

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

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

Mechanical Specifications

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

Environmental Specifications

Operating Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Environmental Space	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

ROHS

Compliant

