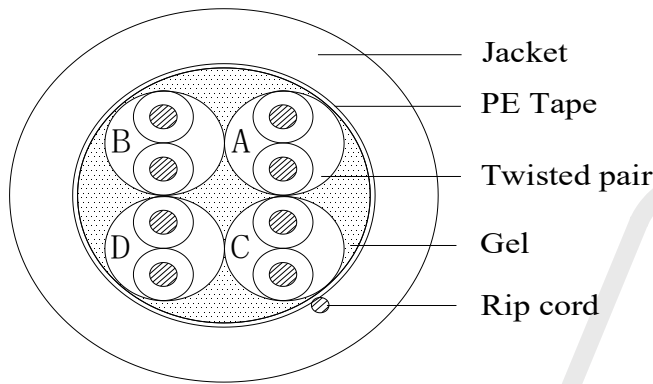


Description

This outdoor rated, gel filled Cat5e bulk cable is 1000 feet in length and consists of 4 pairs of 24AWG solid wires. The gel fills the gaps between conductors and outer jacket which prevents damage caused by water. It is typically used outdoors for in ground, direct burial application as premise wiring to connect network devices.



Physical Characteristics

Cable Length	1000ft [305m]
Color	Black
Cable Diameter	6.20±0.10mm
Number of Pairs	4 Pairs
Wire Gauge	24AWG Solid
Conductor Material	100% Bare Copper
Conductor Diameter	0.515±0.005mm
Cable Shielding	None
Temperature Rating	-40°C ~ +75°C
Jacket Material	LLDPE
Jacket Rating	Direct Burial / UV
Jacket Average Thickness	0.60mm
Jacket Minimum Thickness	0.54mm

Insulation	PE
Insulation Avg Thickness	0.205mm
Insulation Minimum Thickness	0.180mm
Insulation Diameter	0.91±0.01mm
Assembly Diameter	4.20±0.20mm
Twisted Pair Diameter	1.82±0.02mm
Rip Cord	Yes - Nylon

Electrical Characteristics

Before Aging	Tensile Strength (Mpa): >=10.6
	Elongation (%): >=300
Aging Condition (°C x hrs)	100x168
After Aging	Tensile Strength (Mpa): >=85% of unaged
	Elongation (%): >=50% of unaged

Environmental

RoHS	Yes
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Packaging Information

Package Quantity	1
Product Weight	28.01 lbs



1000ft 4 Pair Cat5e 350MHz UTP Solid UV / Direct Burial Gel Filled Bulk Cable - Black
BK-C5ESL-4GEL - Specifications

Frequency (MHz)	Return loss (Min dB)	Attenuation Max (dB/100m)	NEXT (Min dB)	PSNEXT Min (dB)	ELFEXT Min (dB/100m)	PSELFEXT Min (dB/100m)
1	20.0	2.0	68.3	66.3	63.8	60.8
4	23.0	4.1	59.3	57.3	51.7	48.7
8	24.5	5.8	54.8	52.8	45.7	42.7
10	25.0	6.5	53.3	51.3	43.8	40.8
16	25.0	8.2	50.3	48.3	39.7	36.7
20	25.0	9.3	48.8	46.8	37.8	34.8
25	24.3	10.4	47.3	45.3	35.8	32.8
31.25	23.6	11.7	45.9	43.9	33.9	30.9
62.5	21.5	17.0	41.4	39.4	27.8	24.8
100	20.1	22.0	38.3	36.3	24.0	21.0
155	18.8	28.1	35.5	33.5	20.0	17.0
200	18.0	32.4	33.8	31.8	17.7	14.7
240	17.4	36.0	32.6	30.6	16.2	13.2
300	16.8	41.0	31.2	29.2	14.2	11.2
350	16.3	44.9	30.1	28.1	12.9	9.9

Printing:

CATEGORY 5E TIA/EIA 568-C.2 350MHz 4PR 24AWG UTP UV RATED OUTDOOR WITH GEL DIRECT BURIAL RoHS xxxFT