

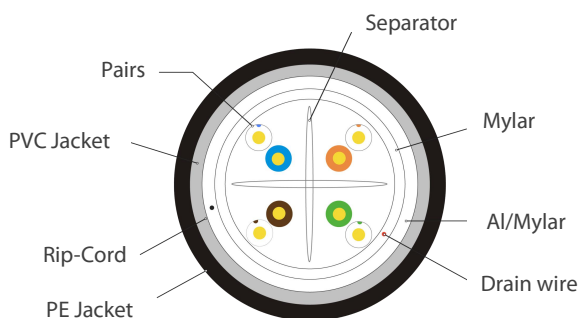
# Cat6 Outdoor Direct Burial Bulk Cable

23AWG • 4 Twisted Pairs • PE&PVC • F/UTP • 550MHz • Solid Copper



## Overview

Our shielded Cat6 outdoor waterproof direct burial ethernet network cable allows you to extend your internet connection even in the harshest environments. Its weatherproof double outer jacket will enable you to bury your lines underground while protecting your wires from various elements.



## Key Features

- Double Jackets to Protect Against Cuts, Scraps and Tearing
- UV Resistant Jacket Designed to Withstand Sunlight, Dirt, Snow, and Moisture
- Pure Bare Copper Transmit Faster while Lasting the Distance than CCA
- Marked Every 1m (3.28ft) on Cable Makes Measuring Easy
- Support PoE, PoE+ (IEEE 802.3af/at), CE, Reach, RoHS Certified
- Tested with a Fluke DSX-8000 Versiv CableAnalyzer

## Application

- Rated for any 10/100/1000Base-T Ethernet
- Perfectly for Outdoor/Burial installation projects

## Specifications

### Physical Characteristics

<b>Operating Temp. Range</b>	-40 to 75° C (-40 to 167° F)
<b>Max. Operating Voltage (v)</b>	80
<b>Reference Standard</b>	ISO/IEC 11801, ANSI/TIA-568.2-D

### Conductor

<b>Conductor Type</b>	Solid Bare Copper
<b>Wire Gauge (AWG)</b>	23
<b>Conductor Nom.O.D. (mm)</b>	0.565 ± 0.005
<b>Conductor Qty.</b>	4 Twisted Pairs

### Insulation

<b>Insulation Material</b>	HDPE
<b>Insulation Diameter (mm)</b>	1.12 ± 0.05
<b>Core Color</b>	A. White - Blue, Blue B. White - Orange, Orange C. White - Green, Green D. White - Brown, Brown

### Jacket

<b>Material</b>	LDPE (Complies RoHS)
<b>External O.D. (mm)</b>	8.7 ± 0.5
<b>Thickness (mm)</b>	0.60 ± 0.05
<b>Color</b>	Black
<b>Surface</b>	Clean, Frap, Satiation
<b>Rip Cord</b>	Yes

## Specifications

### Inner Jacket

<b>Material</b>	PVC
<b>Thickness (mm)</b>	7.4

### Electrical Characteristics

<b>1.0-250.0MHz Impedance(ohms)</b>	100 ± 15
<b>1.0-250.0MHz Delay Skew (ns/100m)</b>	≤45
<b>Capacitance Unbalance (pF/100m)</b>	≤160
<b>Max. Conductor DC Resistance @20°C (ohms/100m)</b>	9.38
<b>Resistance Unbalance (%)</b>	≤5.0

### Mechanical Characteristics

<b>Before Aging Tensile Strength (Mpa)</b>	≥10.0
<b>Before Aging Elongation (%)</b>	≥350
<b>Aging Period (°C×hrs)</b>	100°C×24h×10d
<b>After Aging Elongation (%)</b>	≥300
<b>Cold Bend (-20±2°C×4h)</b>	8 × Cable O.D., No Visible Cracks

### Packing

<b>Packing Type</b>	1000ft (305m) / Carton
<b>Carton Dimension (HxWxD)</b>	340×390×390 MM



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