



Direct Burial Cat5E 1000' Spool

CAT5E-DB

SKU: 11296 UPC: 810070016869

CAT5E DIRECT BURIAL- WATER BLOCK TAPE- 350 MHz 24 AWG SOLID BC 4PR, UTP, WBT, ANSI/TIA-568-C.2, IEC 11801 CLASS D, LLDPE JKT- BLACK- 1000FT/305M SPOOL

Product Information

SCP Cat5e UTP (unshielded twisted pair) Direct Burial cables meet TIA/EIA 568-C.2 Category 5e and ISO/IEC 11801 Ed2 Class D standards. SCP Cat5e UTP Direct Burial cables are constructed with a high quality Linear Low-Density Polyethylene (LLDPE) direct burial jacket that provides high impact protection and superior puncture resistance while retaining flexibility and strength even in harsh environments. This is a true direct burial cable unlike many other cables advertised as direct burial that use inferior PVC based jacketing.

Each Cat5e UTP Direct Burial cable is 350 MHz 24 AWG with insulated solid bare copper conductors. The cable construction includes water block tape for moisture resistance. This creates a round and flexible cable.

These cables are CMX rated for use in direct burial applications without conduit. It is packaged on 1000ft/305 meter wooden spool/drum.

Construction Characteristics:	
Conductor:	
Material	Solid Bare Copper
Size	24AWG X 4P
Construction	1/0.50+/-0.004mm
Insulation:	
Material	HDPE
Min. Thickness	0.188mm
AVG. Thickness	0.20mm
Diameter	0.90+/-0.1mm
Colors	Blue- White/Blue Orange-White/Orange Green-White/Green Brown-White/Brown
Screening:	
Material	Water Block Tape
Sheath:	
Material	LLDPE
U.V Stability	U.V Resistant
AVG.Thickness	0.6 +/- 0.05mm
Diameter	5.8 +/- 0.20mm
Rip Cord	Nylon
Color	Black
Bend Radius	Min 20D/120mm

Electrical & Physical Characteristics:	
Operating Temperature Range	- 20°C + 75°C
Conductor Resistance	Max 93.8 ohm/km at 20°C
Dielectric Strength	Min AC1.5KV
Minimum Flexing Bend Radius	>20x the jacket diameter
Insulation:	
Unaged:	
Tensile Strength	12.3Mpa
Elongation	150%
Aged:	
Tensile Strength	9.8Mpa(100°C 168h)
Elongation	100%(100°C 168h)
Jacket:	
Unaged:	
Tensile Strength	10.8Mpa
Elongation	100%
Aged:	
Tensile Strength	8.5Mpa(100°C 168h)
Elongation	50%(100°C 168h)
Rated Voltage	Max 300Volts
DC Resistance Unbalance	Max 5%
Pair-to-Ground Capacitance Unbalance	Max 3300pF/km
Characteristic Impedance	100+/-15OHM
Nominal Velocity of Propagation(%)	67~69
Propagation Delay	Max 536ns/100m
Delay Skew	Max 45ns/100m
Packaging:	
Approx Weight	10kgs/22.046lbs
Approx Dimension (mm)	360X160X160
Package	1000ft/305m Box
Packages per pallet	36