

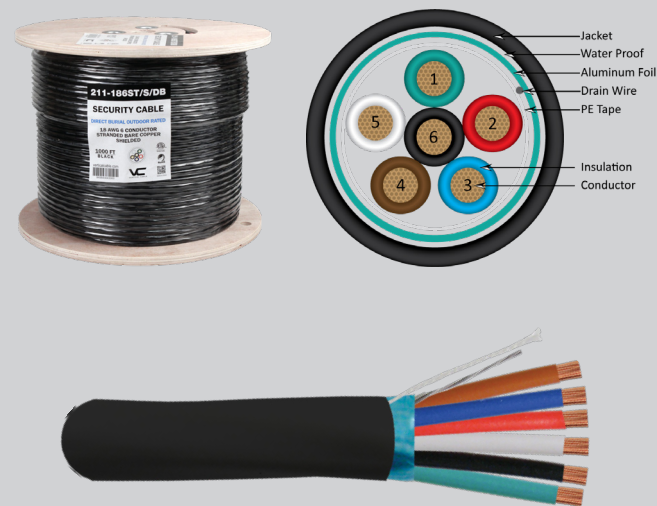


DESCRIPTION

18 AWG 6 Conductor Stranded Bare Copper, Direct Burial. Shielded with an overall jacket. 1000 ft, Wooden Spool, Black

FEATURES

- Intercom Systems
- Security Systems
- Sound and Audio
- Power Limited Control Circuits
- Outdoor Applications
- Door Controllers
- Key Pads
- Smoke Detectors



ALARM-SECURITY CABLE

18 AWG 6 CONDUCTOR

DIRECT BURIAL/OUTDOOR RATED

211-186ST/S/DB

CONSTRUCTION

Shape	Round
Rip Cord	Yes
Core Wrap	PE Tape
Drain Wire	7/0.008 in. (7/0.20 mm ±0.004)
Shield	AL Foil
Filler	Water Proof

CONDUCTORS

Material	Stranded Bare Copper
Trade size	18 AWG
Conductor Count:	6
Stranding	16/0.01 in. (16/0.254 mm ±0.004)
Strand Diameter	0.02 in (0.47 mm)

INSULATION

Material	Polyvinyl Chloride (PVC)
Min. Thickness	0.009 in. (0.24 mm)
Avg. Thickness	0.011 in. (0.27 mm)
Diameter	0.067 in. (1.7 mm ±0.004)
Color	Red, Black, White, Green, Brown, Blue

JACKET

Material	LLDPE
Avg. Thickness	0.024 in. (0.6 mm)
Min. Thickness	0.02 in. (0.54 mm)
Diameter	0.28 in. (7.2 mm ±0.10)
Marking:	VERTICAL 5024318 c(ETL)us 18AWG 6C STRANDED SHIELDED PE JKT CMX OUTDOOR / DIRECT BURIAL RoHS XXXXFT 076111N0708204 21:33

ELECTRICAL & PHYSICAL

Temperature Rating	-20°C to 75°C
Voltage Rating	300 V RMS
Dielectric Strength	Min AC1.5KV
AC Leakage Current	AC 1500V<10mA
Conductor Resistance	Max 22.8ohm/km at 20°C
Insulation (Unaged)	
Tensile Strength	13.8 Mpa
Elongation	150%
Insulation (Aged)	
Tensile Strength	11.7 Mpa (100°C 168h)
Elongation	80% (100°C 168h)
Jacket (Unaged)	
Tensile Strength	10.8 Mpa
Elongation	300%
Jacket (Aged)	
Tensile Strength	9.2 Mpa (100°C 168hrs)
Elongation	150% (100°C 168hrs)
Cold Bend Test	-20°C 4hrs No Cracking
STANDARDS	UL 444, NEC Article 760 & NEC Article 725

PACKED WEIGHT

211-186ST/DB	54.5 lb
--------------	---------

VERTICAL CABLE

951.696.7772 California

800.749.2447 Florida

845.391.8318 New York

713.322.7242 Texas



www.verticalcable.com

Rev. 09/2025

Subject to change without notice.