

CP300 Railway Signal Cable

CP300 Armored Railway Signal Underground Cable is designed for use with signaling and trackside equipment applications. Designed to meet industry standards including AREMA and Canadian railway specifications to ensure safety and reliability for critical system functions, and to maintain long-life performance.



Ratings

600V

Operating Temperature -30°C to +80°C

Performance Characteristics

- ✓ Sunlight Resistant
- ✓ -40°C Cold Bend Test
- ✓ Passes Smoke Density per IEC 61034-1/2
- ✓ Passes Corrosive Gases per IEC 60754-1/2

Engineered to Resist

- Abrasion
- Impact
- Cold Temperatures

Features & Benefits

Solid Bare Copper Conductors

Solid conductors are rugged and less likely to be subject to corrosion.

Linear Low Density Polyethylene Insulation

Good electrical, tensile, and mechanical properties.

Copper Tape Armor Shield

Provides protection against cable damage due to rodents.

Rip Cord Included Under the Jacket Layer

Facilitates stripping the cable jacket for removal.

Linear Low Density Polyethylene Jacket

Excellent mechanical properties provide resistance to abrasion, impact, and extreme weather conditions.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your TPC sales representative

Part Number	Configuration (AWG/Conductor Count)	Ampacity*	Nominal O.D. (in.)	Weight per 1,000 ft. (lbs.)
CP300-014-7C-B-A	14/7	17	0.803	345
CP300-014-12C-B-A	14/12	12	1.02	517
CP300-006-2C-B-A	6/5	75	0.894	443
CP300-006-5C-B-A	2/3	60	1.138	841

*Based on an ambient temperature of 30C and conductor temperature of 90C per NEC, Table 310.16

