

Cable: Wire 16 AWG 19 STR EPC/PVC BLU GETSGS # 012092-002

Wire 10 AWG 19 STR EPC/PVC BLU



Product Data
Section 7: Sheet 10

TranSystems Vermont Agency of Transportation Lyndon STPG SGNL(48) Project	
<input type="checkbox"/>	Approved Fabrication/Installation may be undertaken
<input checked="" type="checkbox"/>	Approved as Corrected 1 Approval provided comments are incorporated
<input type="checkbox"/>	Correct, Revise and Resubmit Fabrication/Installation MAY NOT be undertaken
<input type="checkbox"/>	No Action Taken
Review / approval does not relieve the contractor from complying with all the requirements of the contract	

Okonite® TC Blue Tower and Case Wire

600 Volt
One Copper Conductor/90°C Rating



- A Uncoated, Stranded Copper Conductor
- B Insulation—Okonite
- C Jacket—Blue Okoseal

Insulation

Okonite EPR is Okonite's trade name for its heat resistant, mechanically rugged ethylene-propylene based insulating compound. The insulation thickness for wire sizes are listed below.

Jackets and Finishes

The Blue Okoseal® (PVC) jacket supplied with this cable provides excellent resistance to mechanical abuse, flame, weathering, and most acids, oils, and alkalis.

Applications

Okonite Tower and Case Wire is recommended for use as relay and associated signal apparatus wiring and for connector wire use where a flexible, small diameter wire is required.

Specifications

Conductor: Uncoated stranded copper stranded per ASTM B-8.
Insulation: Per ICEA S-95-658. Meets or exceeds all requirements for EPR insulation.
Jacket: Per ICEA S-95-658. Meets or exceeds all requirements.
 Okonite Tower and Case Wire meets or exceeds the requirements of AREMA Manual Part 10.3.15.

Product Features

- Exceptional heat resistance.
- 90°C Continuous Rating
130°C Emergency Overload Rating.
250°C Short Circuit Rating.
- Mechanically rugged.
- Flexible, easy to handle and splice.
- Flame resistant—meets U.L. horizontal flame test.
- Resistant to most oils acids, alkalis and effects of weather.
- Stable electrical and physical properties.

1 - All Cable must meet the requirements of Special Provision Section 63 ACTIVE WARNING SYSTEM MATERIALS (j) Miscellaneous Products and Components Part 30 Vital Signal Cables (see attached pgs 58 to 61 of Special Provisions). Contractor shall provide appropriate test reports when cable is installed.

Catalog Number	Size AWG	No. of Strands	Insulation Thickness Mils	Jacket Thickness Mils	Approx. O.D. (in.)	Approx. Net Wt. Lbs./m'	Approx. Ship Wt. Lbs./m'
▲ 152-11-3002	16	19	30	20	.17	20	24
▲ 152-11-3024	14	19	30	20	.20	26	28
152-11-3026	12	19	45	20	.23	42	46
▲ 152-11-3038	10	19	30	20	.23	56	60
152-11-3108	10	37	45	20	.26	58	62
152-11-3010	9	19	45	25	.29	71	75

▲ **Authorized Stock Item** - Available from our Customer Service Centers.

Note: The construction described has a Blue Jacket. Consult your local Okonite Representative for details about alternate colors.

Standard Package - #16 AWG and #14 AWG, 10000 spool; #12 AWG, #10 AWG, and #9 AWG, 500' spool.