



Okonite®-Okolene® Duplex Track Wire

600V

One Copper Conductor/90°C Rating



A Bare Copper Conductor-
Size #9 AWG, #6 AWG Solid
B Insulation - Okonite-Sizes #9 AWG
and #8 AWG-5/64", #6 AWG-6/64"
C Jacket-Okolene, Color Coded;
1-Black, 1-Red

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 #9 AWG and #8 AWG is 5/64" and for #6 AWG is 6/64".

Jackets and Finishes

The Okolene (PE) jacket supplied with this cable provides excellent resistance to mechanical abuse, weathering and most acids, oils and alkalies. Color Coded; 1-Black, 1-Red.

Applications

Okonite-Okolene 600V Duplex Track Wire is recommended for use in track circuits, signal operations, car retarder and switch machine applications. Can be installed in either wet or dry locations, in conduit trays or trough or buried direct.

Specifications

Conductor: Bare copper- size #9 AWG to #6 AWG solid per ASTM B-3, #6 AWG.

Insulation: Per ICEA S-95-658, and AREMA Signal Manual Part 10.3.19.

Jacket: Meets or exceeds the physical and electrical requirements of ICEA S-95-658, and AREMA Signal Manual Part 10.3.21

Okonite Insulation: #9 AWG, 5/64", #6 AWG, 6/64"

| Catalog Number | Size AWG | No. of Strands | Jacket Thickness 64 th's | Approx. Duplexed O.D. (In.) | Approx. Net Wt. Lbs./M' | Approx. Ship Wt. Lbs./M' |
|----------------|----------|----------------|--------------------------|-----------------------------|-------------------------|--------------------------|
| 150-12-3931 | 9 | Solid | 4 | 0.83" | 199 | 243 |
| ▲ 150-12-3933 | 6 | Solid | 4 | 1.00" | 329 | 404 |

▲ Authorized Stock Item: Available from our Customer Service Center

Standard Package -1000' Non-Returnable Reel

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.

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.
- Resistant to most oils, acids, alkalies and effects of weather.
- Stable electrical and physical properties.
- Excellent moisture resistance.

| 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 | 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 |

