



# Okonite® Okolon TS - CPE® Duplex Case Wire

**600V**

One Copper Conductor/90°C Rating



A Stranded Copper Conductor  
B Insulation—Okonite  
C Jacket—Okolon TS-CPE

### Insulation

Okonite EPR is Okonite's trade name for its heat resistant, mechanically rugged ethylene-propylene based insulating compound. The insulation thickness is 3/64".

### Jackets and Finishes

The Okolon TS-CPE thermoset chlorinated polyethylene jacket supplied with this cable provides excellent resistance to mechanical abuse, flame, weathering and most acids, oils and alkalis. Color Codes: 1-Black, 1-Black with tracer.

### Applications

Okonite Okolon TS-CPE 600V 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 Class C stranded copper per ASTM B-8.  
**Insulation:** Per ICEA S-95-658 and AREMA Signal Manual Part 10.3.15.

**Jacket:** Per ICEA S-95-658, Section 4.

### 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.

#### Okonite Insulation: 3/64"

| 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' |
|----------------|----------|----------------|--------------------------|-----------------------------|-------------------------|--------------------------|
| 151-12-1702    | 10       | 19             | 1                        | .50                         | 113                     | 126                      |
| ▲150-12-2754   | 14       | 1              | 1                        | .46                         | 73                      | 96                       |

#### ▲ Authorized Stock

Note: 150-12-2754: Solid Copper Conductor with Ridge Identification.