



Okonite® Okolon® - (TS-CPE) Case Wire 600V

One Copper Conductor/90°C Rating

A →

B →

C →

Insulation

Okonite EPR is Okonite's trade name for its heat resistant, mechanically rugged ethylene-propylene based insulating compound. The insulation thickness for wire size #16 AWG and #14 AWG is 2/64" and for #12 AWG and #10 AWG it is 3/64".

Jackets and Finishes

The Okolon (TS-CPE) jacket supplied with this cable provides excellent resistance to mechanical abuse, flame, weathering and most acids, oils and alkalies.

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. ICEA S-95-658, Part 4.1.13 and 4.1.3.

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, alkalies and effects of weather.
- Stable electrical and physical properties.

Design Options:

- Nylon Braid covering.
- Flame Retardant Blue Okoseal® PVC Jacket.

Okonite Insulation: #16 AWG and #14 AWG - 2/64"; #12 AWG to #6 AWG - 3/64"

Catalog Number	Size AWG	No. of Strands	Jacket Thickness 64 th's	Approx. O.D. (In.)	Approx. Net Wt. Lbs./M'	Approx. Ship Wt. Lbs./M'
151-12-1051	16	19	1	.16	20	24
▲ 151-12-1081	14	19	1	.18	26	30
151-12-1101	12	19	1	.23	42	46
151-12-1140	10	19	1	.25	58	62
151-12-1171	9	19	1	.26	67	75
▲ 151-12-1201	6	19	1	.31	112	122

▲ Authorized Stock Item - Available from Customer Service Centers.

Standard Package — #16 AWG and #14 AWG, 1000' spool; #12 AWG thru #6 AWG, 500' spool.

A Uncoated, Stranded Copper Conductor

B Insulation—Okonite—#16 AWG and #14 AWG - 2/64"; #12 AWG thru #6 AWG - 3/64"

C Jacket - Okolon TS-CPE

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THE OKONITE COMPANY

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