



Okonite®-Nylon Braid Case Wire

600V

One Copper Conductor/90°C Rating



- A Uncoated, Stranded Copper Conductor
B Insulation—Okonite #16 and #14 AWG 2/64"; #12 AWG through #9 AWG 3/64"
C Finish—Nylon Braid with Lacquer Overall

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 #16 AWG and #14 AWG is 2/64" and for #12 AWG through #9 AWG it is 3/64".

Finish

The nylon braid and lacquer finish supplied with this cable provides excellent resistance to mechanical abuse, weathering and most oils, acids and alkalis.

Applications

Okonite-Nylon Braid 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 or D stranded copper conductor per ASTM B-8.

Insulation: Per ICEA S-95-658 and AREMA Signal Manual Part 10.3.15.

Finish: Black or Red nylon braid (100% coverage) with clear lacquer finish.

Product Features

- Mechanically rugged.
- 90°C Continuous Rating
130°C Emergency Overload Rating.
250°C Short Circuit Rating.
- Mechanically rugged.
- Flexible, easy to handle and splice.
- Resists most oils, acids, alkalis and effects of weather.
- Stable electrical and physical properties.

Nominal Finish Thickness: 9 mils

Catalog Number	Size AWG	No. of Strands	Insulation Thickness 64 th's	Approx. O.D. (In.)	Approx. Net Wt. Lbs./M'	Approx. Ship Wt. Lbs./M'
▲ 151-12-9051	16	19	2	.14	16	20
151-12-9081	14	19	2	.15	22	26
▲ 151-12-9111	12	19	3	.20	38	42
151-12-9145	10	19	3	.22	50	54
▲ 151-12-9161	10	37	3	.23	51	55
151-12-9181	9	19	3	.24	62	66
▲ 151-12-9053*	16	19	2	.14	16	21
▲ 151-12-9163*	10	37	3	.23	50	55

▲ **Authorized Stock Item** — Available from our Customer Service Centers

Standard Package — #16 AWG and #14 AWG, 1000' spool;

#12 AWG, #10 AWG, and #9 AWG, 500' spool.

*Red Nylon Braid

Catalog Number	Size AWG	No. of Strands	Insulation Thickness 64 th's	Approx O.D. (In.)	Approx. Net Wt. Lbs./M'	Approx. Ship Wt. Lbs./M'
▲**151-12-9920	10	37	3	.460	102	115

**2/C DUPLEXED All Black

