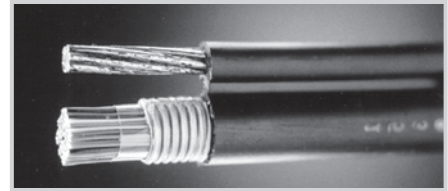


ALP Air Core, Figure-8 Self-Supporting RUS/RDUP Spec. PE-38



For aerial installation using standard methods and hardware.

Core Construction

Conductors	Solid, annealed bare copper in 19, 22, 24 and 26 AWG.
Insulation	Solid, color-coded polyolefin.
Twisted Pairs	Individual insulated conductors are twisted into pairs with varying lay lengths.
Core Assembly	Cables of 25 pairs or less are assembled into a cylindrical core. Cables larger than 25 pairs are assembled into units, which are then used to assemble the core. Units are individually identifiable by color coded unit binders.
Core Wrap	Non-hygroscopic, dielectric tape.
Support Member	A 1/4", 7-strand Extra High Strength (EHS) galvanized steel messenger serves as the support member and is an integral part of the sheath. The messenger is flooded to inhibit corrosion.
Shielding	Corrugated, copolymer coated, .008" aluminum tape applied longitudinally with an overlap.
Outer Jacket	Black, linear low-density PE designed to withstand exposure to direct sunlight, atmospheric temperature changes and stresses expected in standard installations.
Footage Marking	Printed sequentially every 2' along the outer jacket.

RUS/RDUP Designation: CAK

Electrical Characteristics

See Table A on page 21 in this section.

See referenced pages in the
Hardware & Supplies section:

Installation Hardware

- F-8 Cable Suspension Clamps
- A-8

Suggested Prep Tools

- 305AN F-8 Duct Slitter - I-10
- 821 Multi-wire
Stripper/Cutter - I-10
- Armored Cable Slitter - I-10
- MK01A Multi-wire Stripper/
Cutter - I-11
- MK04 Cable Jacket Stripper
- I-11