

# Figure 8 Air Core Cable

PE-38 AL

## Spec. 2003-F8



### Nominal Cable Data

CATALOG NUMBER	PAIRS AWG		O.D. (INCHES)	WEIGHT (LBS/MFT)	STANDARD LENGTH (FT)
2012020	6	19	0.96 x 0.49	229	5000
2012010	6	22	0.87 x 0.40	234	5000
2012011	12	22	0.96 x 0.49	259	5000
2012000	25	22	1.08 x 0.61	339	5000
2012001	50	22	1.28 x 0.81	466	5000
2012015	6	24	0.84 x 0.37	221	5000
2012016	12	24	0.90 x 0.43	242	5000
2012004	25	24	1.01 x 0.54	280	5000
2012005	50	24	1.14 x 0.67	376	5000
2012006	100	24	1.37 x 0.90	535	5000

Data subject to change without notice. Contact your Customer Service Representative for latest information.

### Core Construction:

#### Conductors:

- Solid, annealed copper; sizes 19, 22 and 24 AWG

#### Insulation:

- Solid, high density polyethylene, color-coded in accordance with telephone industry standards

#### Twisted Pairs:

- Insulated conductors are twisted into pairs with varying lay lengths to minimize crosstalk

#### Core Assembly:

- 25 pairs and less: pairs are assembled together in a single group
- More than 25 pairs: pairs are arranged in groups, each group having a color-coded unit binder

#### Core Wrap:

- Non-hygroscopic dielectric tape applied longitudinally with an overlap

### Figure 8 Sheath:

#### Aluminum Shield:

- Corrugated, copolymer coated, 0.008" aluminum tape applied longitudinally with an overlap

#### Support Messenger:

- A 1/4", 7 strand, extra high strength galvanized steel wire, fully flooded for corrosion protection

#### Jacket:

- Black, linear low density polyethylene is jacketed in an integral extrusion with the shielded core and support messenger to form a "Figure 8" configuration

### Application(s):

- Intended for aerial installation

### Compliances:

- Formerly RDUP (RUS) Specification PE-38
- RoHS Compliant (effective 1/1/10)
- ANSI/ICEA S-85-625-2007

### Packaging:

- Standard lengths are shipped on non-returnable wood reels
- Non-standard packaging is available upon request