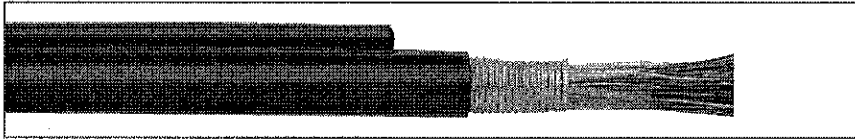


# Figure 8 Air Core Cable

RUS (REA) 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	0.49	260	5000
2012021	12/19	0.62	330	5000
2012023	25/19	0.81	480	5000
2012010	6/22	0.4	220	5000
2012011	12/22	0.49	260	5000
2012000	25/22	0.61	335	5000
2012001	50/22	0.81	485	5000
2012002	100/22	1.1	775	2500
2012015	6/24	0.37	205	5000
2012016	12/24	0.43	230	5000
2012004	25/24	0.54	285	5000
2012005	50/24	0.87	375	5000
2012006	100/24	0.90	560	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

### Compliance:

- RUS (REA) Specification PE-38

### Packaging:

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

