

Figure 8 Air Core Cable

RDUP (RUS) 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	235	5000
2012021	12/19	0.62	335	5000
2012023	25/19	0.81	485	5000
2012010	6/22	0.40	245	5000
2012011	12/22	0.49	275	5000
2012000	25/22	0.61	355	5000
2012001	50/22	0.81	480	5000
2012015	6/24	0.37	230	5000
2012016	12/24	0.43	255	5000
2012004	25/24	0.54	300	5000
2012005	50/24	0.67	395	5000
2012006	100/24	0.90	550	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:

- RDUP (RUS) Specification PE-38
- RoHS Compliant (effective 1/1/10)

Packaging:

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