

Air Core Cable

Spec. 2003

RUS (REA) PE-22 AL

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

Sheath:**Aluminum Shield:**

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

Jacket:

- Black, linear low density polyethylene

Application(s):

- For aerial installation by attachment to a support strand
- For underground installation when placed in a duct

Compliance:

- RUS (REA) Specification PE-22

Packaging:

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

**Nominal Cable Data**

CATALOG NUMBER	PAIRS AWG	O.D. INCHES	WEIGHT LBS/MFT	STANDARD LENGTH (FT)
7527757	6/19	0.49	110	5000
7527765	12/19	0.62	180	5000
7527781	25/19	0.79	320	5000
7527799	50/19	1.1	590	2500
7527005	6/22	0.40	70	5000
7527013	12/22	0.49	110	5000
7527021	25/22	0.63	190	5000
7527039	50/22	0.90	325	5000
7527054	100/22	1.1	595	2500
7527062	200/22	1.4	1140	2500
7527112	6/24	0.37	55	5000
7527120	12/24	0.43	80	5000
7527138	25/24	0.54	135	5000
7527146	50/24	0.67	225	5000
7527161	100/24	0.88	400	5000
7527187	200/24	1.2	745	2500
7527195	300/24	1.4	1090	2500
7527203	400/24	1.6	1430	2500
7527211	600/24	1.9	2120	1250
7527229	900/24	2.3	3110	1250

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