

# Air Core Cable

# Spec. 2003

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 (pressurization is recommended)

**Compliances:**

- Formerly RDUP (RUS) Specification PE-22
- 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



**Nominal Cable Data**

CATALOG NUMBER	PAIRS AWG		O.D. (INCHES)	WEIGHT (LBS/MFT)	STANDARD LENGTH (FT)
7527757	6	19	0.49	102	5000
7527765	12	19	0.62	168	5000
7527781	25	19	0.79	310	5000
7527005	6	22	0.40	65	5000
7527013	12	22	0.49	102	5000
7527021	25	22	0.63	174	5000
7527039	50	22	0.90	308	5000
7527112	6	24	0.37	51	5000
7527120	12	24	0.43	74	5000
7527138	25	24	0.54	122	5000
7527146	50	24	0.67	209	5000
7527161	100	24	0.88	385	5000
7527187	200	24	1.18	720	2500
7527195	300	24	1.40	1060	2500
7527203	400	24	1.60	1375	2500

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