

Air Core Cable

RDUP (RUS) PE-22 AL

Spec. 2003

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)

Compliance:

- RDUP (RUS) Specification PE-22
- RoHS Compliant (effective 1/1/10)

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 | 105 | 5000 |
| 7527765 | 12/19 | 0.62 | 185 | 5000 |
| 7527781 | 25/19 | 0.79 | 310 | 5000 |
| 7527799 | 50/19 | 1.10 | 580 | 2500 |
| 7527005 | 6/22 | 0.40 | 70 | 5000 |
| 7527013 | 12/22 | 0.49 | 105 | 5000 |
| 7527021 | 25/22 | 0.63 | 180 | 5000 |
| 7527039 | 50/22 | 0.90 | 315 | 5000 |
| 7527054 | 100/22 | 1.10 | 570 | 2500 |
| 7527062 | 200/22 | 1.40 | 1100 | 2500 |
| 7527112 | 6/24 | 0.37 | 55 | 5000 |
| 7527120 | 12/24 | 0.43 | 80 | 5000 |
| 7527138 | 25/24 | 0.54 | 130 | 5000 |
| 7527146 | 50/24 | 0.67 | 215 | 5000 |
| 7527161 | 100/24 | 0.88 | 385 | 5000 |
| 7527187 | 200/24 | 1.20 | 720 | 2500 |
| 7527195 | 300/24 | 1.40 | 1060 | 2500 |
| 7527203 | 400/24 | 1.60 | 1375 | 2500 |
| 7527211 | 600/24 | 1.90 | 2070 | 1250 |

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