

# Filled Solid Cable

# Spec. 2002

RDUP (RUS) PE-39 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

**Filling Compound:**

- The entire core assembly is completely filled with ETPR compound, filling the interstices between the pairs and under the core tape

**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
- The sheath interfaces are flooded with an adhesive water-blocking compound

**Jacket:**

- Black, linear low density polyethylene

**Application(s):**

- Intended for duct and direct buried installations where protection against water and moisture entry is required and may also be installed aerially

**Compliances:**

- Rural Development Utility Program (RDUP) 7 CFR 1755.390 (RUS PE-39)
- RoHS Compliant (effective 1/1/10)
- ANSI/ICEA S-84-608-2007

**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)
7524507	6	19	0.60	140	5000
7524515	12	19	0.75	250	5000
7524523	25	19	0.97	450	5000
7524556	6	22	0.49	90	5000
7524564	12	22	0.57	137	5000
7524572	25	22	0.70	245	5000
7524580	50	22	0.95	425	5000
7524598	100	22	1.20	765	2500
7524614	6	24	0.46	68	5000
7524622	12	24	0.51	105	5000
7524648	25	24	0.60	170	5000
7524655	50	24	0.78	285	5000
7524671	100	24	1.00	525	5000
7524697	200	24	1.30	960	2500
7524705	300	24	1.60	1380	2500
7524713	400	24	1.82	1810	2500
7524721	600	24	2.20	2750	1250

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