

Filled Solid Cable

RDUP (RUS) PE-39 AL

Spec. 2002

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

Compliance:

- Rural Development Utility Program (RDUP) 7 CFR 1755.390 (RUS PE-39)
- 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)
7524507	6/19	0.60	140	5000
7524515	12/19	0.75	250	5000
7524523	25/19	0.97	450	5000
7524556	6/22	0.45	90	5000
7524564	12/22	0.56	165	5000
7524572	25/22	0.71	245	5000
7524580	50/22	0.95	425	5000
7524598	100/22	1.20	765	2500
7524606	200/22	1.70	1465	2500
7524614	6/24	0.43	70	5000
7524622	12/24	0.51	105	5000
7524648	25/24	0.61	170	5000
7524655	50/24	0.81	285	5000
7524663	75/24	0.92	415	5000
7524671	100/24	1.00	525	5000
7524689	150/24	1.20	745	5000
7524697	200/24	1.30	960	2500
7524705	300/24	1.60	1380	2500
7524713	400/24	1.90	1810	2500
7524721	600/24	2.20	2750	1250
7524739	900/24	2.70	4010	1250
7524960	1200/24	3.10	5400	1000

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