

Filled Solid 5-Mil Copper Cable

RDUP (RUS) PE-39 CU

Spec. 2002



Nominal Cable Data

CATALOG NUMBER	PAIRS AWG	O.D. (INCHES)	WEIGHT (LBS/MFT)	STANDARD LENGTH (FT)
7525009	6/19	0.60	160	5000
7525017	12/19	0.75	270	5000
7525025	25/19	0.97	480	5000
7525033	50/19	1.30	850	2500
7525058	6/22	0.45	100	5000
7525066	12/22	0.56	150	5000
7525074	25/22	0.71	265	5000
7525082	50/22	0.95	450	5000
7528573	75/22	1.10	640	5000
7525090	100/22	1.20	805	2500
7528581	150/22	1.40	1175	2500
7525108	200/22	1.70	1515	2500
7525116	6/24	0.43	80	5000
7525124	12/24	0.51	115	5000
7525140	25/24	0.61	185	5000
7525157	50/24	0.81	305	5000
7525165	75/24	0.92	440	5000
7525173	100/24	1.00	555	5000
7525181	150/24	1.20	775	5000
7525199	200/24	1.30	995	2500
7525207	300/24	1.60	1425	2500
7525215	400/24	1.90	1870	2500
7525223	600/24	2.20	2810	1250
7525231	900/24	2.70	4050	1250
7528631	1200/24	3.10	5480	1000

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

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:

Copper Shield:

- Corrugated 0.005" copper 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