

# 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)
7525058	6	22	0.46	100	5000
7525066	12	22	0.57	150	5000
7525074	25	22	0.71	265	5000
7525082	50	22	0.93	450	5000
7525090	100	22	1.20	805	2500
7525116	6	24	0.43	78	5000
7525124	12	24	0.50	115	5000
7525140	25	24	0.60	185	5000
7525157	50	24	0.77	305	5000
7525173	100	24	1.00	555	5000
7525199	200	24	1.35	995	2500
7525207	300	24	1.60	1425	2500
7525215	400	24	1.82	1870	2500
7525223	600	24	2.20	2810	1250

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

#### 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

