

# Filled Solid Copper-Bearing Gopher-Resistant Cable Spec. 2002

RDUP (RUS) PE-39 GR

**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-Bearing Shield:**

- Corrugated, copper-bearing gopher-resistant 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
- The copper-bearing tape provides increased mechanical protection and gopher resistance

**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)
7528755	6	19	0.58	155	5000
7528763	12	19	0.75	265	5000
7528789	25	19	0.97	475	5000
7528003	6	22	0.48	101	5000
7528011	12	22	0.55	150	5000
7528037	25	22	0.70	260	5000
7528045	50	22	0.93	445	5000
7528060	100	22	1.20	795	2500
7528102	6	24	0.43	77	5000
7528110	12	24	0.50	115	5000
7528136	25	24	0.60	180	5000
7528144	50	24	0.78	300	5000
7528169	100	24	1.00	550	5000
7528185	200	24	1.36	985	2500
7528193	300	24	1.60	1410	2500
7528201	400	24	1.80	1855	2500
7528219	600	24	2.20	2805	1250

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