

Filled Solid Copper-Bearing Gopher-Resistant Cable

Spec. 2002

RUS (REA) 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
- The copper-bearing tape provides increased mechanical protection and gopher resistance

Compliance:

- Rural Utilities Service (RUS) 7 CFR 1755.390 (REA PE-39)

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	0.55	165	5000
7528763	12/19	0.75	315	5000
7528771	18/19	0.87	425	5000
7528789	25/19	0.97	540	5000
7528797	50/19	1.3	980	2500
7528003	6/22	0.45	105	5000
7528011	12/22	0.56	170	5000
7528029	18/22	0.66	245	5000
7528037	25/22	0.71	290	5000
7528045	50/22	0.95	520	5000
7528052	75/22	1.1	730	5000
7528060	100/22	1.2	900	2500
7528078	150/22	1.4	1280	2500
7528086	200/22	1.7	1700	2500
7528094	300/22	2.0	2470	1250
7528854	400/22	2.3	3240	1250
7528862	600/22	2.8	4840	1250
7528870	900/22	3.4	7030	800
7528102	6/24	0.43	95	5000
7528110	12/24	0.51	135	5000
7528128	18/24	0.57	175	5000
7528136	25/24	0.61	215	5000
7528144	50/24	0.81	375	5000
7528151	75/24	0.92	495	5000
7528169	100/24	1.0	630	5000
7528177	150/24	1.2	885	5000
7528185	200/24	1.3	1100	2500
7528193	300/24	1.6	1640	2500
7528201	400/24	1.9	2110	2500
7528219	600/24	2.2	3080	1250
7528227	900/24	2.7	4480	1250
7528235	1200/24	3.1	5950	1000
7528243	1500/24	3.4	7290	800
7528888	1800/24	3.7	8540	700

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