

Filled Foam Skin Cable

RDUP (RUS) PE-89 AL

Spec. 2007



Nominal Cable Data

CATALOG NUMBER	PAIRS AWG		O.D. (INCHES)	WEIGHT (LBS/MFT)	STANDARD LENGTH (FT)
7525504	6	19	0.57	127	5000
7525512	12	19	0.65	210	5000
7525538	25	19	0.85	395	5000
7525595	6	22	0.48	85	5000
7525603	12	22	0.52	125	5000
7525629	25	22	0.62	205	5000
7525637	50	22	0.78	365	5000
7525652	100	22	1.01	665	2500
7525678	200	22	1.36	1255	2500
7525751	6	24	0.39	63	5000
7525769	12	24	0.48	87	5000
7525785	25	24	0.54	142	5000
7525793	50	24	0.64	240	5000
7525819	100	24	0.84	435	5000
7525835	200	24	1.18	795	2500
7525843	300	24	1.37	1145	2500
7525850	400	24	1.48	1510	2500
7525868	600	24	1.82	2260	1250
7525876	900	24	2.22	3390	1250
7526973	1200	24	2.54	4430	1000
7526981	1500	24	2.80	5500	1000
7526999	1800	24	3.03	6660	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:

- Dual insulation consisting of an inner layer of foamed polyolefin surrounded by a solid polyolefin skin, 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

Compliances:

- Rural Development Utility Program (RDUP) 7 CFR 1755.890 (RUS PE-89)
- 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

