

# Filled Foam Skin Cable

## Spec. 2007

RUS (REA) PE-89 AL

**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

**Compliance:**

- Rural Utilities Service (RUS)  
7 CFR 1755.890  
(REA PE-89)

**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)
7525504	6/19	0.57	155	5000
7525512	12/19	0.66	230	5000
7525538	25/19	0.87	415	5000
7525595	6/22	0.47	100	5000
7525603	12/22	0.54	140	5000
7525629	25/22	0.65	230	5000
7525637	50/22	0.83	400	5000
7525652	100/22	1.1	725	2500
7525678	200/22	1.4	1330	2500
7525686	300/22	1.7	1950	1250
7525694	400/22	2.0	2570	1250
7525702	600/22	2.4	3900	1250
7525751	6/24	0.40	70	5000
7525769	12/24	0.46	100	5000
7525785	25/24	0.59	175	5000
7525793	50/24	0.72	290	5000
7525819	100/24	0.90	490	5000
7525827	150/24	1.1	690	5000
7525835	200/24	1.2	900	2500
7525843	300/24	1.4	1290	2500
7525850	400/24	1.6	1700	2500
7525868	600/24	1.9	2440	1250
7525876	900/24	2.3	3620	1250
7526973	1200/24	2.6	4720	1000
7526981	1500/24	2.9	5850	1000
7526999	1800/24	3.2	7040	1000

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