

# Filled Foam Skin CACSP Cable

## Spec. 2007

RDUP (RUS) PE-89 CACSP

**Core Construction:**

**Conductors:**

- Solid, annealed copper; sizes 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

**CACSP Sheath:**

**Aluminum Shield:**

- Corrugated, copolymer-coated, 0.008" aluminum tape applied longitudinally over the core wrap

**Steel Shield:**

- Corrugated, copolymer-coated, 0.006" steel tape applied longitudinally over the aluminum tape 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 addition of the steel tape armor provides increased mechanical protection and gopher resistance

**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



**Nominal Cable Data**

CATALOG NUMBER	PAIRS AWG		O.D. (INCHES)	WEIGHT (LBS/MFT)	STANDARD LENGTH (FT)
7526551	6	22	0.46	116	5000
7526569	12	22	0.55	170	5000
7526577	25	22	0.66	257	5000
7526585	50	22	0.85	440	5000
7526601	100	22	1.10	765	2500
7071608	6	24	0.41	90	5000
7526668	12	24	0.46	120	5000
7526684	25	24	0.57	183	5000
7526692	50	24	0.68	300	5000
7526718	100	24	0.88	510	5000
7526734	200	24	1.15	900	2500
7526742	300	24	1.45	1265	2500
7526759	400	24	1.55	1655	2500
7526767	600	24	1.82	2435	1250
7526775	900	24	2.20	3585	1250
7071616	1200	24	2.52	4635	1000

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