

FOAM/SKIN FILLED CABLES, DIRECT BURIAL, AERIAL, DUCT - RUS SPEC. PE-89

Construction

Conductor:

- Solid annealed bare copper.

Insulation:

- Inner layer of foamed natural polyolefin or polyethylene expanded 50% by volume, plus a 0.002 thick of color coded solid polyethylene or polypropylene. Color coded in accordance with standard telephone industry code.

Cable Core Assembly:

- Individual conductors twisted into pairs with varying lays to minimize crosstalk and with specified color combinations to provide pair identification.
- Cables having 25 pairs and less are assembled in a single group. Cables having more than 25 pairs are assembled in units, each individually identified by color coded unit binders. The interstices between the pairs are filled with an 80°C filling compound.

Core Covering:

- Non-hygroscopic dielectric tape.

Shielding:

- BJFAF Shielding: 0.008" (0.203mm) thick corrugated aluminum tape shield with a corrosion/oxidation-resistant, ethylene copolymer coating on both sides, applied with no overlap at any point along the cable.
- BFASF Double Shield: Same as BJFAF plus 0.006" (0.152mm) thick corrugated steel tape shield with a corrosion-resistant, green tinted ethylene copolymer coating on both sides, applied longitudinally with overlap to provide resistance to gopher attack or other severe service conditions.

Jacket:

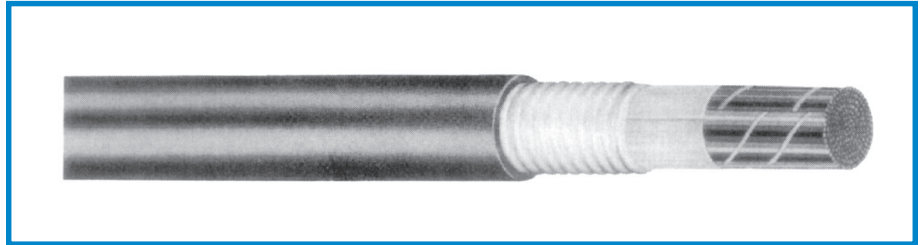
- Black polyethylene.

Footage Marking:

- Sequentially numbered length markings are located at 2 ft. intervals.

Applications:

- Cable is designed for use in duct, aerial or **direct burial**, in either exchange area service or trunk service. The core is filled with an 80°C filling compound and the sheath interfaces are flooded with a flooding compound. The polymer coating provides additional corrosion protection for the aluminum shield.



CUSTOM CATALOG NUMBER	SIZE	NUMBER OF PAIRS	NOMINAL THICKNESS (INCHES)		NOMINAL O.D.	NOMINAL WEIGHT
	AWG/MCM		INSULATION	JACKET	INCHES	LBS/MFT
88700	24	6	0.008	0.060	0.36	83
88701	24	12	0.008	0.060	0.43	115
88702	24	18	0.008	0.060	0.48	148
88703	24	25	0.008	0.060	0.54	188
88704	24	50	0.008	0.060	0.67	302
88705	24	75	0.008	0.060	0.78	411
88706	24	100	0.008	0.070	0.89	535
88707	24	150	0.008	0.070	1.05	783
88708	24	200	0.008	0.070	1.21	1004
88709	24	300	0.008	0.075	1.39	1473
88710	24	400	0.008	0.080	1.63	1877
88711	24	600	0.008	0.090	1.94	2756
88712	24	900	0.008	0.100	2.33	4206
88713	24	1200	0.008	0.100	2.73	5530
88714	24	1500	0.008	0.100	3.06	6725
88715	24	1800	0.008	0.100	3.32	8283
88716	24	2100	0.008	0.100	3.56	10496
88717	24	2400	0.008	0.100	3.78	11628
88251	22	6	0.010	0.060	0.40	106
88252	22	12	0.010	0.060	0.48	161
88253	22	18	0.010	0.060	0.55	205
88254	22	25	0.010	0.060	0.62	261
88255	22	50	0.010	0.070	0.83	418
88256	22	75	0.010	0.070	0.97	623
88257	22	100	0.010	0.070	1.08	837
88258	22	150	0.010	0.075	1.27	1173
88259	22	200	0.010	0.080	1.43	1539
88260	22	300	0.010	0.090	1.71	2194
88261	22	400	0.010	0.090	1.94	2971
88262	22	600	0.010	0.100	2.33	4386
88263	22	900	0.010	0.100	2.81	6348
88264	22	1200	0.010	0.083	3.34	8503
88265	22	1500	0.010	0.084	3.68	11338
88450	19	6	0.014	0.060	0.49	163
88451	19	12	0.014	0.060	0.61	259
88452	19	18	0.014	0.060	0.72	353
88453	19	25	0.014	0.070	0.84	446
88454	19	50	0.014	0.075	1.09	811
88455	19	75	0.014	0.075	1.28	1146
88456	19	100	0.014	0.080	1.44	1589
88457	19	150	0.014	0.090	1.75	2200
88458	19	200	0.014	0.090	2.02	2998
88459	19	300	0.014	0.100	2.42	4436
88460	19	400	0.014	0.100	2.76	5714
88461	19	600	0.014	0.084	3.43	8677

NOTE: Pulling eyes are available.

Please check sales office for pricing.

All cable dimensions and weights are subject to normal manufacturing tolerances.

Must specify type of shield when ordering.

Custom Cable Corp.