

# TELEPHONE CABLE

## TYPE BJFA - FILLED DIRECT BURIAL - AERIAL & DUCT RUS SPEC. PE-39, RUS (REA) DESIGNATION BFCA

### Construction

#### Conductor:

- Solid soft drawn annealed bare copper.

#### Insulation:

- Polyolefin, or solid virgin high-density polyethylene with telephone industry color-coding.

#### Cable Core Assembly:

- Insulated conductors are twisted into pairs with varying lays (twist lengths) to minimize crosstalk and meet strict capacitance unbalance limits. Cables containing over 25 pairs are cabled and assembled in sub-units, each identified by color code unit binders.

#### Shielding:

- 0.008" thick corrugated aluminum tape shield with a corrosion resistant, blue tinted ethylene copolymer coating on both sides. This shield is applied longitudinally with overlap to provide 100% electrical shielding coverage and flooded with a flooding compound.

#### Jacket:

- Black polyethylene. It is compounded to withstand sunlight, temperature variations, and other environmental conditions, including abuse during installation.

#### Footage Marking:

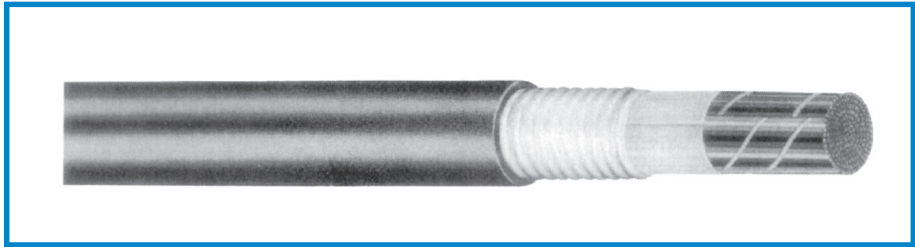
- Footage markings are printed sequentially every two feet along the outer jacket.

#### Filling:

- The entire cable within the outer jacket is flooded with a petrolatum-polyethylene gel filling compound to eliminate possible moisture content, migration or ingress, thus providing improved electrical characteristic stability.

#### Application:

- Designed for use as a duct or **direct burial** cable in either exchange area service or trunk service.



CUSTOM CATALOG NUMBER	SIZE	NUMBER OF PAIRS	NOMINAL THICKNESS (INCHES)		NOMINAL O.D.	NOMINAL WEIGHT
	AWG/MCM		INSULATION	JACKET	INCHES	LBS/MFT
8450	24	6	0.012	0.060	0.410	97
8451	24	12	0.012	0.060	0.490	142
8452	24	18	0.012	0.060	0.530	185
8453	24	25	0.012	0.060	0.610	227
8454	24	50	0.012	0.060	0.770	370
8455	24	75	0.012	0.060	0.910	542
8456	24	100	0.012	0.070	1.020	695
8457	24	150	0.012	0.070	1.200	988
8458	24	200	0.012	0.070	1.400	1308
8459	24	300	0.012	0.075	1.660	1910
8460	24	400	0.012	0.080	1.890	2602
8461	24	600	0.012	0.090	2.320	3811
8462	24	900	0.012	0.100	2.710	5868
8463	24	1200	0.012	0.100	3.080	6754
8464	24	1500	0.012	0.100	3.400	8720
8465	24	1800	0.012	0.100	3.690	11800
8466	24	2100	0.012	0.084	3.960	11816
8556	22	6	0.015	0.060	0.470	134
8557	22	12	0.015	0.060	0.560	193
8558	22	18	0.015	0.060	0.690	251
8559	22	25	0.015	0.060	0.740	331
8560	22	50	0.015	0.070	0.980	572
8561	22	100	0.015	0.070	1.290	1047
8562	22	150	0.015	0.075	1.540	1518
8563	22	200	0.015	0.080	1.760	2073
8564	22	300	0.015	0.090	2.120	3158
8565	22	400	0.015	0.090	2.400	3875
8566	22	600	0.015	0.100	2.900	6091
8567	22	900	0.015	0.100	3.420	9140
8666	19	6	0.021	0.060	0.640	203
8667	19	12	0.021	0.060	0.750	339
8668	19	18	0.021	0.060	0.880	467
8669	19	25	0.021	0.070	1.020	601
8670	19	50	0.021	0.075	1.350	1082
8671	19	100	0.021	0.080	1.740	2126
8672	19	150	0.021	0.090	2.100	3194
8673	19	200	0.021	0.090	2.380	4121
8674	19	300	0.021	0.100	2.880	6266
8675	19	400	0.021	0.100	3.500	8380

**NOTE: Also available with .005 copper tape shield or a gopher resistant .006 or .005 copper clad steel or alloy 194. Must specify when ordering.**

NOTE: 0.005" copper tape shield is available on special order. Pulling eyes are available. Please check sales office for pricing. All cable dimensions and weights are subject to normal manufacturing tolerances.

# Custom Cable Corp.

242 Butler Street • Westbury, New York 11590-3193 • Tel: (516) 334-3600 • Toll Free: (800) 832-3600 • FAX: (516) 334-3989

[www.customwireandcable.com](http://www.customwireandcable.com) • email: [sales@customwireandcable.com](mailto:sales@customwireandcable.com)