

TYPE CAK - FIGURE 8 SELF-SUPPORTING/AIR CORE - RUS SPEC. PE-38

Construction

Conductor:

- Solid soft drawn annealed bare copper.

Insulation:

- Polyolefin or solid virgin high-density polyethylene with standard 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 coded unit binders.

Shielding:

- A corrosion/oxidation resistant blue tinted ethylene copolymer coated (on both sides) overlapping 0.008" thick corrugated aluminum tape shield is applied longitudinally with overlap to provide 100% electrical shielding coverage.

Messenger Strand:

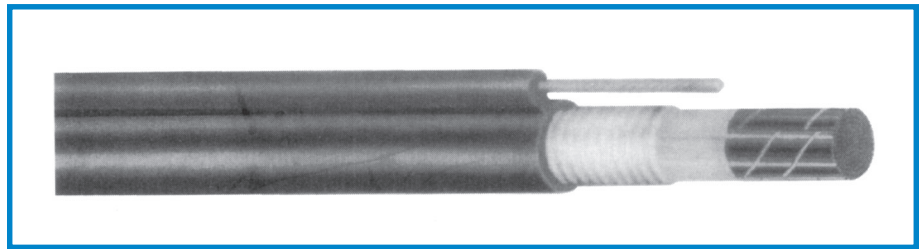
- 1/4" diameter 7-wire Extra High Strength (6,650 lb. test strength) galvanized steel messenger strand is integrated within the outer jacket in a "figure 8" configuration. The strand interstices are flooded with an asphaltic sealing compound to prevent possible moisture migration from splicing points. The jacket forms a "web" between messenger and cable thus permitting specialized suspension clamps to grip the jacketed messenger (no stripping needed) without damaging the cable jacket.

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 to provide readily accurate records of cable usage and continuous-length reel contents.



CUSTOM CATALOG NUMBER	SIZE	NUMBER OF PAIRS	NOMINAL THICKNESS (INCHES)		NOMINAL O.D.*	NOMINAL WEIGHT
	AWG/MCM		INSULATION	JACKET	INCHES	
8740	24	6	0.008	0.060	0.380	233
8741	24	12	0.008	0.060	0.440	262
8742	24	18	0.008	0.060	0.480	287
8743	24	25	0.008	0.060	0.530	318
8744	24	50	0.008	0.060	0.680	428
8745	24	75	0.008	0.060	0.770	543
8746	24	100	0.008	0.060	0.860	633
8747	24	150	0.008	0.070	1.030	843
8748	24	200	0.008	0.070	1.160	1068
8749	24	300	0.008	0.080	1.400	1448
8750	24	400	0.008	0.080	1.580	1827
8756	22	6	0.010	0.060	0.400	255
8757	22	12	0.010	0.060	0.490	292
8758	22	18	0.010	0.060	0.560	333
8759	22	25	0.010	0.060	0.630	391
8760	22	50	0.010	0.060	0.800	563
8761	22	100	0.010	0.070	1.070	880
8762	22	150	0.010	0.070	1.280	1203
8763	22	200	0.010	0.080	1.450	1551
8765	19	3	0.014	0.060	0.410	255
8766	19	6	0.014	0.060	0.520	298
8767	19	12	0.014	0.060	0.630	388
8768	19	18	0.014	0.060	0.730	484
8769	19	25	0.014	0.060	0.820	566
8770	19	50	0.014	0.070	1.110	933
8771	19	100	0.014	0.080	1.470	1595

* This Horizontal Minor Diameter is the measurement across the cable core and jacket. For the Vertical MAJOR Diameter, add 1/2" to allow for the jacketed messenger strand plus web.

Custom Cable Corp.