



## OUTSIDE PLANT TELEPHONE CABLE FIGURE-8 SELF SUPPORTING RUS(REA) PE-38 TYPE SIZES #24, #22, & #19AWG

**CONSTRUCTION:**

**CONDUCTOR** SOLID ANNEALED BARE COPPER.

**INSULATION** SOLID HIGH DENSITY POLYOLEFIN COLOR CODED PER TELEPHONE COLOR CODE.

**CORE ASSEMBLY** INSULATED CONDUCTORS TWISTED INTO PAIRS OR VARYING TWIST LENGTHS TO MINIMIZE CROSSTALK. CABLES OF 25PAIRS OR LESS ARE ASSEMBLED INTO A SINGLE GROUP. CABLES OVER 25PAIRS ARE ARRANGED INTO SUBUNITS. CORE WRAPPED WITH NON-HYGROSCOPIC TAPE.

**SHIELD** .008" (8 MIL) COATED CORRUGATED ALUMINUM TAPE APPLIED LONGITUDINALLY.

**MESSENGER** 1/4" 7STRANDED EXTRA HIGH STRENGTH GALVANIZED STEEL MESSENGER IS PLACED NEXT TO THE SHIELDED CORE.

**OVERALL JACKET** BLACK POLYETHYLENE (PE) PROVIDES AN INTEGRAL EXTRUSION WITH THE SHIELDED CORE AND MESSENGER TO CREATE A "FIGURE-8" CROSS SECTION.

Charlotte Wire Part#	Size AWG	Number of Pairs	Overall Diameter (in.)	Total Figure-8 Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW09745	24	6	.38"	.87"	220
CW09746	24	12	.43"	.92"	246
CW09747	24	25	.54"	1.03"	295
CW09748	24	50	.66"	1.15"	387
CW09749	24	100	.88"	1.37"	570
CW09750	24	200	1.18"	1.67"	918
CW09751	24	300	1.40"	1.89"	1240
CW09752	22	6	.41"	.90"	234
CW09753	22	12	.50"	.99"	268
CW09754	22	25	.62"	1.11"	343
CW09755	22	50	.82"	1.29"	495
CW09756	22	100	1.09"	1.58"	773
CW09757	22	200	1.47"	1.96"	1330
CW09758	19	6	.50"	.99"	269
CW09759	19	12	.63"	1.12"	345
CW09760	19	25	.82"	1.29"	500
CW09761	19	50	1.11"	1.60"	776
CW09762	19	100	1.48"	1.97"	1320

**APPLICATION:**

Suitable for outdoor aerial use.

**STANDARDS:**

RUS(REA) PE-38.