

OUTSIDE PLANT TELEPHONE CABLE SOLID INSULATION, FILLED, DIRECT BURIAL RUS (REA) PE-39 SIZE #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. A FLOODING COMPOUND IS APPLIED TO THE ENTIRE CORE ASSEMBLY, COMPLETELY FILLING THE AIR SPACE BETWEEN THE INSULATED CONDUCTORS AND ALSO UNDER THE NON-HYGROSCOPIC TAPE WHICH WRAPS THE CABLE CORE.

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

OVERALL JACKET BLACK POLYETHYLENE (PE)

Charlotte Wire Part# *	Size AWG	Number of Pairs	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW09841	22	6	.46"	108
CW09842	22	12	.58"	168
CW09843	22	25	.76"	282
CW09844	22	50	1.00"	510
CW09845	22	100	1.30"	860
CW09846	22	200	1.76"	1630
CW09847	22	300	2.11"	2380
CW09848	22	400	2.42"	3140
CW09849	22	600	2.93"	4700
CW09850	22	900	3.48"	6870
CW09851	19	6	.65"	158
CW09852	19	12	.80"	280
CW09853	19	25	1.04"	500
CW09854	19	50	1.36"	920
CW09855	19	100	1.90"	1710

*Note: To Specify alternate longitudinal shield to standard, add suffixes to CWC part# as follows:

- 1) for 5mil corrugated copper tape, add suffix "-CU" to CWC part#.
- 2) for 5-6mil corrugated copper clad steel or alloy gopher resistant tape, add suffix "-GO" to CWC part#.
- 3) for dual 8mil aluminum plus 6mil steel tape, add suffix "-ALS" to CWC part#.

APPLICATION:

Suitable for direct burial, duct, and aerial installations (where supported by a messenger) where moisture protection is required.

STANDARDS:

RUS: 7 CFR 1755.390
(REA PE-39)