

OUTSIDE PLANT TELEPHONE CABLE FOAM-SKIN, FILLED, DIRECT BURIAL RUS (REA) PE-89 #22 AND #19 AWG

CONSTRUCTION:

CONDUCTOR SOLID ANNEALED BARE COPPER.

TWO LAYER INSULATION 1) INNER LAYER OF FOAMED POLYOLEFIN.
2) OUTER SKIN OF SOLID COLOR CODED POLYOLEFIN.

CORE ASSEMBLY INSULATED CONDUCTORS TWISTED INTO PAIRS OR VARYING TWIST LENGTHS TO MINIMIZE CROSSTALK. COLOR CODED PER TELEPHONE COLOR CODE. CABLES OF 25 PAIRS OR LESS ARE ASSEMBLED INTO A SINGLE GROUP. CABLES OVER 25 PAIRS 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)
CW09791	22	6	.46"	90
CW09792	22	12	.55"	138
CW09793	22	25	.66"	228
CW09794	22	50	.86"	390
CW09795	22	100	1.12"	710
CW09796	22	200	1.47"	1340
CW09797	22	300	1.78"	1940
CW09798	22	400	2.03"	2520
CW09799	22	600	2.42"	3750
CW09800	22	900	2.91"	5630
CW09801	22	1200	3.50"	7400
CW09802	19	6	.54"	140
CW09803	19	12	.69"	220
CW09804	19	25	.85"	390
CW09805	19	50	1.12"	700
CW09806	19	100	1.52"	1360

*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 1755.890
(REA PE-89)