

OUTSIDE PLANT TELEPHONE CABLE FOAM-SKIN, FILLED, DIRECT BURIAL RUS (REA) PE-89 #24 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)
CW09771	24	6	.41"	75
CW09772	24	12	.47"	105
CW09773	24	25	.58"	164
CW09774	24	50	.74"	270
CW09775	24	100	.92"	480
CW09776	24	150	1.11"	680
CW09777	24	200	1.22"	868
CW09778	24	300	1.45"	1290
CW09779	24	400	1.63"	1650
CW09780	24	600	2.00"	2440
CW09781	24	900	2.37"	3610
CW09782	24	1200	2.74"	4750
CW09783	24	1500	3.00"	5900
CW09784	24	1800	3.24"	7240

*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)