



“Taking Care of Business”

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OUTSIDE PLANT TELEPHONE CABLE SOLID INSULATION, FILLED, DIRECT BURIAL RUS (REA) PE-39 SIZE #24AWG

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)
CW09821	24	6	.42"	90
CW09822	24	12	.52"	133
CW09823	24	25	.62"	196
CW09824	24	50	.82"	325
CW09825	24	100	1.03"	618
CW09826	24	150	1.21"	880
CW09827	24	200	1.39"	1080
CW09828	24	300	1.65"	1630
CW09829	24	400	1.92"	2090
CW09830	24	600	2.34"	3070
CW09831	24	900	2.81"	4480
CW09832	24	1200	3.12"	5910
CW09833	24	1500	3.45"	7300
CW09834	24	1800	3.80"	8535

*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)