

COPPER 15KV PRIMARY URD CABLE EPR INSULATION - 133% INSULATION LEVEL CONCENTRIC NEUTRAL (1/3 AND FULL) , LLDPE JACKET

CONSTRUCTION:

CONDUCTOR COMPRESSED SOFT DRAWN STRANDED BARE COPPER.

CONDUCTOR SHIELD NONMETALLIC SEMI-CONDUCTING EXTRUDED LAYER.

INSULATION ETHYLENE PROPYLENE RUBBER (EPR).

INSULATION SHIELD SEMI-CONDUCTING EXTRUSION DIRECTLY OVER INSULATION.

NEUTRAL SOLID BARE ANNEALED UNCOATED COPPER WIRES HELICALLY APPLIED AND UNIFORMLY SPACED.

OVERALL JACKET BLACK LINEAR LOW DENSITY POLYETHYLENE (LLDPE). OUTER JACKET TO HAVE 3 STRIPES FOR IDENTIFICATION.

Charlotte Wire Part#	Size AWG	No. of Strands	Insulation Thickness (in.)	Insulation Diameter (in.)	Neutral Type	Neutral Wire No. x awg	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW07521FN	2	7	.220"	.79"	Full	16 x 14's	1.10"	820
CW07522FN	1	19	.220"	.83"	Full	20 x 14's	1.18"	960
CW07523RN	1/0	19	.220"	.86"	1/3	9 x 14's	1.21"	890
CW07523FN	1/0	19	.220"	.86"	Full	16 x 12's	1.21"	1110
CW07524RN	2/0	19	.220"	.92"	1/3	11 x 14's	1.26"	1050
CW07524FN	2/0	19	.220"	.92"	Full	20 x 12's	1.26"	1320
CW07525RN	3/0	19	.220"	.97"	1/3	14 x 14's	1.31"	1200
CW07525FN	3/0	19	.220"	.97"	Full	25 x 12's	1.31"	1560
CW07526RN	4/0	19	.220"	1.01"	1/3	18 x 14's	1.40"	1480
CW07526FN	4/0	19	.220"	1.01"	Full	32 x 12's	1.40"	1910
CW07527RN	250MCM	37	.220"	1.08"	1/3	21 x 14's	1.48"	1690
CW07528RN	350MCM	37	.220"	1.17"	1/3	12 x 10's	1.62"	2250
CW07529RN	500MCM	37	.220"	1.31"	1/3	17 x 10's	1.80"	3010
CW07530RN	750MCM	61	.220"	1.49"	1/3	25 x 10's	1.99"	4220
CW07531RN	1000MCM	61	.220"	1.64"	1/3	32 x 10's	2.17"	5420

APPLICATION:

Suitable as an underground primary residential and commercial distribution cable. May be used in wet or dry locations, installed in underground ducts, or direct burial.

STANDARDS:

AEIC CS-8 for EPR insulation.

ICEA S-94-649 for Insulated Concentric Neutral Cables.