

## ALUMINUM 15KV PRIMARY URD CABLE TR-XLP INSULATION - 133% INSULATION LEVEL CONCENTRIC NEUTRAL (1/3 AND FULL) , LLDPE JACKET

### CONSTRUCTION:

**CONDUCTOR** SOLID OR STRANDED ALUMINUM.

**CONDUCTOR SHIELD** NONMETALLIC SEMI-CONDUCTING EXTRUDED LAYER.

**INSULATION** TREE RETARDANT CROSSLINKED POLYETHYLENE (TR-XLP).

**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)
CW07601FN	2	7	.220"	.79"	Full	10 x 14's	1.10"	550
CW07602FN	1	19	.220"	.83"	Full	13 x 14's	1.18"	630
CW07603RN	1/0	19	.220"	.86"	1/3	6 x 14's	1.21"	580
CW07603FN	1/0	19	.220"	.86"	Full	16 x 14's	1.21"	690
CW07603SOLF	1/0	1	.220"	.83"	Full	16 x 14's	1.18"	680
CW07604RN	2/0	19	.220"	.92"	1/3	7 x 14's	1.26"	640
CW07604FN	2/0	19	.220"	.92"	Full	20 x 14's	1.26"	840
CW07605RN	3/0	19	.220"	.97"	1/3	9 x 14's	1.31"	730
CW07605FN	3/0	19	.220"	.97"	Full	25 x 14's	1.31"	960
CW07606RN	4/0	19	.220"	1.01"	1/3	11 x 14's	1.40"	830
CW07606FN	4/0	19	.220"	1.01"	Full	20 x 12's	1.40"	1140
CW07607RN	250MCM	37	.220"	1.08"	1/3	13 x 14's	1.48"	990
CW07608RN	350MCM	37	.220"	1.17"	1/3	11 x 12's	1.62"	1250
CW07609RN	500MCM	37	.220"	1.31"	1/3	25 x 14's	1.80"	1600
CW07610RN	750MCM	61	.220"	1.49"	1/3	24 x 12's	1.99"	2240
CW07611RN	1000MCM	61	.220"	1.64"	1/3	20 x 10's	2.17"	2720

### 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 XLP insulation.

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