ALUMINUM SINGLE CONDUCTOR UNDERGROUND
600VOLT SECONDARY UD

CONSTRUCTION:

CONDUCTOR   CONCENTRIC STRANDED OR COMPRESSED 1350-19 ALUMINUM.

INSULATION   CROSSLINKED POLYETHYLENE (XLP).

Charlotte Wire Part#	Code Name	Size AWG	Number of Strands	XLP Ins. Thickness (in.)	Approx. O.D. (in.)	Approx. Net Wt. (Lbs/Mft)
CW01555	Princeton	6	7	.060"	.30"	45
CW01556	Mercer	4	7	.060"	.35"	64
CW01557	Clemson	2	7	.060"	.41"	93
CW01558	Kenyon	1	19	.080"	.48"	123
CW01559	Harvard	1/0	19	.080"	.52"	147
CW01560	Yale	2/0	19	.080"	.56"	180
CW01561	Tufts	3/0	19	.080"	.61"	220
CW01562	Beloit	4/0	19	.080"	.66"	265
CW01563	Hofstra	250MCM	37	.095"	.74"	320
CW01564	Gonzaga	300MCM	37	.095"	.79"	370
CW01565	Rutgers	350MCM	37	.095"	.84"	425
CW01566	Dartmouth	400MCM	37	.095"	.88"	480
CW01567	Emory	500MCM	37	.095"	.98"	580
CW01568	Duke	600MCM	61	.110"	1.09"	700
CW01569	Furman	700MCM	61	.110"	1.16"	805
CW01570	Sewanee	750MCM	61	.110"	1.19"	860
CW01571	Fordham	1000MCM	61	.110"	1.34"	1120

APPLICATION:

For use in ducts or in direct burial installations in wet or dry locations. Rated for service up to 600volts and 90Degrees C per ICEA.

STANDARDS:

ASTM B230: Aluminum 1350-10 Wire for Electrical Purposes.
ASTM B231: Concentric-Lay-Stranded Aluminum 1350 Conductors.
ASTM B609: Aluminum 1350 Round Wire, Annealed and Intermediate Tempers, for Electrical Purposes.
ASTM B901: Compressed Round Stranded Aluminum Conductors Using Single Input Wire Construction.
ICEA S-105-692: 600Volt Single Layer Thermoset Insulated Utility Underground Distribution Cables.