

CATHODIC PROTECTION CABLE SINGLE CONDUCTOR HMW-PE INSULATION 600VOLTS

CONSTRUCTION:

CONDUCTOR CLASS B STRANDED ANNEALED BARE COPPER.

INSULATION BLACK HIGH MOLECULAR WEIGHT POLYETHYLENE (HMW-PE)

Charlotte Wire Part#	Size AWG	Number of Strands	Insulation Thickness (in.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW01299	14	7	.110"	.29"	40
CW01300	12	7	.110"	.31"	50
CW01301	10	7	.110"	.32"	74
CW01302	8	7	.110"	.38"	89
CW01303	6	7	.110"	.41"	125
CW01304	4	7	.110"	.46"	181
CW01305	2	7	.110"	.51"	265
CW01306	1	19	.125"	.58"	336
CW01307	1/0	19	.125"	.63"	410
CW01308	2/0	19	.125"	.67"	508
CW01309	3/0	19	.125"	.73"	620
CW01310	4/0	19	.125"	.78"	760
CW01311	250MCM	37	.155"	.91"	930
CW01312	350MCM	37	.155"	1.02"	1275
CW01313	500MCM	37	.155"	1.15"	1790

APPLICATION:

Suitable as a direct burial cable in cathodic protection systems for storage tanks, pipelines, pilings, cables, well casings, and other underground or water submerged metallic structures.

STANDARDS:

ASTM B-3: Soft or annealed copper wire.

ASTM B-8: Concentric lay stranded copper conductors.

ASTM D-1248: Polyethylene Materials.