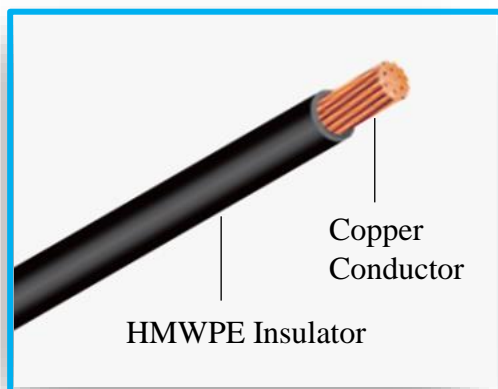


HMWPE



Proper section of cathodic protection cable is important for the durable cathodic protection systems. High Molecular Weight Polyethylene (HMWPE) insulated cable is used for direct earth burial DC feeder cable for cathodic protection systems, storage tanks, pipelines, wells, ocean vessels, and metallic structures buried or water submerged.

American Wire Gauge

AWG Cable Size	No. of Strands	Insulation Thickness	Nominal Overall Diameter	Nominal DC Resistance @ 20°C	Max. DC Rating (amp)
4	7	2.80	0.29	0.258	85
6	7	1.60	0.31	0.411	65
8	7	1.48	0.34	0.653	50
10	7	1.36	0.37	1.038	35
12	7	1.24	0.40	1.650	25
14	7	1.16	0.45	2.624	20

Metric Wire Gauge

Cable Size (mm ²)	No. of Strands	Insulation Thickness (mm)	Nominal Overall Diameter	Nominal DC Resistance per 1 km @ 20°C	Max. DC Rating (amp)
2.5	7	2.8	7.65	7.41	18
4	7	2.8	8.20	4.63	24
6	7	2.8	8.75	3.08	30
10	7	2.8	9.70	1.83	42
16	7	2.8	10.70	1.15	56
25	7	2.8	12.10	0.73	73

Temperature range: 0 °C to 60°C

Minimum bending diameter: 4x of cable diameter