

SINGLE CONDUCTOR



- ▶ **Cathodic Protection**
- ▶ **HMW-PE**
- ▶ **600V**

PRODUCT CONSTRUCTION

Conductor: Soft, annealed, stranded copper per ASTM B8.

Insulation: Black, high molecular weight polyethylene (HMW-PE) per ASTM D1248.

Temperature: 75°C

Voltage: 600V

APPLICATIONS

Suitable for direct burial for use in cathodic protection systems for pipelines, storage tanks, pilings, well casings, cables and other buried or water-submerged metallic structures.

COMPLIANCES

ICEA S-61-402

Suitable for direct burial

Resistant to chemicals, oil, moisture and sunlight

Crush and abrasion resistant

RoHS compliant

USAWC Part #	Conductor		Nominals (inches)			Standard Put-up (reels)	Nominal DC Resistance Ohms/1000 ft. @ 25°C	Product Weight (lbs./1000 ft.)
	AWG	Strand	Cond. O.D.	Insulation	O.D.			
USA8-01HMW-PE	8	7	.143	.110	.37	2,500', 5,000'	.652	87
USA6-01HMW-PE	6	7	.182	.110	.40	5,000'	.411	122
USA4-01HMW-PE	4	7	.229	.110	.45	5,000'	.258	175
USA2-01HMW-PE	2	7	.290	.110	.51	1,000', 5,000'	.162	260
USA1-01HMW-PE	1	19	.326	.125	.58	2,500'	.129	330
USA1/0-01HMW-PE	1/0	19	.367	.125	.62	2,000'	.102	400
USA2/0-01HMW-PE	2/0	19	.410	.125	.66	2,000'	.081	495
USA4/0-01HMW-PE	4/0	19	.526	.125	.77	2,000'	.051	750
USA250-01HMW-PE	250	37	.575	.140	.86	1,000'	.043	900
USA350-01HMW-PE	350	37	.681	.140	.96	1,000'	.031	1229

All diameters are nominal values. All weights are product weights exclusive of packaging. All diameters and weights are subject to normal manufacturing tolerances.