



Photovoltaic Wire

STANDARDS

1000/2000 Volt Single Conductor Power Cable, RHH or RHW-2

AWG	Strand	Insulation Thickness (MIL)	Nominal O.D. (Inch)	Approximate Weight Per 1000FT	Copper Weight Per 1000ft
14	7	75	0.223	33.73	13
12	7	75	0.242	43.84	20.2
10	7	75	0.266	59.09	33
8	7	85	0.316	88.12	50.98
6	7	85	0.354	124.06	81.02
4	7	85	0.402	179.6	128.9
3	7	85	0.430	217.86	167
2	7	85	0.462	265.39	204
1	19	105	0.542	345	258.2
1/0	19	105	0.583	421	326
2/0	19	105	0.629	515	411
3/0	19	105	0.680	632	518
4/0	19	105	0.738	779	653.3
250 MCM	37	120	0.815	943	772
300 MCM	37	120	0.870	1113	926
350 MCM	37	120	0.921	1284	1081
400 MCM	37	120	0.968	1453	1235
500 MCM	37	120	1.053	1793	1544

APPLICATION NOTES

Appropriate for use in solar power applications that require 1000/2000 volt rating. For use in grounded interconnection and ungrounded Photovoltaic power systems.

Standards

ASTM B3, B8 and B787 UL 44, UL 83, UL 854, UL Subject 4703, C (UL) Direct Burial Rated Flame Rated: VW-1 per UL 2556 Federal Spec. A-A-59544 ICEA S-95-658/NEMA WC-70 CT rated 1/0 and larger Sunlight Resistant Gasoline and Oil Resistant II -40° C rated Suitable for use in 105 C Dry System Lead Free - ROHS Compliant R.E.A.C.H. Compliant

Construction

Conductor: Stranded Bare copper Per ASTM B3, B8 and B787

Insulation: Thermo-set Cross Linked Polyethylene

Colors Available: Black, White and Red Others available upon request