



Photovoltaic Wire

STANDARDS

600 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	60	0.193	27	13
12	7	60	0.212	37	20.2
10	7	60	0.236	51	33
8	7	75	0.296	81	50.98
6	7	75	0.334	116	81.02
4	7	75	0.382	170	128.9
3	7	75	0.410	207	167
2	7	75	0.442	254	204
1	19	95	0.511	329	258.2
1/0	19	95	0.550	402	326
2/0	19	95	0.694	495	411
3/0	19	95	0.644	611	518
4/0	19	95	0.700	755	653.3
250 MCM	37	110	0.795	906	772
300 MCM	37	110	0.849	1071	926
350 MCM	37	110	0.901	1235	1081
400 MCM	37	110	0.948	1399	1235
500 MCM	37	110	1.033	1724	1544

APPLICATION NOTES

Appropriate for use in solar power applications that require 600 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