



# POWER KABEL INC.

## USE-2, RHH, RHW-2 COPPER CONDUCTOR -40°C

### APPLICATIONS & FEATURES

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

### INDUSTRY COMPLIANCES

- 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

**CONDUCTORS:** Stranded Bare copper Per ASTM B3, B8 and B787  
**INSULATION:** Thermo-set Cross Linked Polyethylene

AWG	NUMBER OF STRANDS	INSULATION THICKNESS (MILS)	APPROX. O.D. INCHES	ALLOWABLE AMPACITY 90°C	APPROXIMATE WEIGHT/1000 FT
12	Solid	0.045	0.171	20	28
10	Solid	0.045	0.192	30	41
14	7	0.045	0.16	15	21
12	7	0.045	0.179	20	30
10	7	0.045	0.202	30	43
8	7	0.06	0.266	55	72
6	7	0.06	0.304	75	106
4	7	0.06	0.352	95	157
3	7	0.06	0.38	110	201
2	7	0.06	0.412	130	237
1	19	0.08	0.481	150	309
1/0	19	0.08	0.52	170	382
2/0	19	0.08	0.564	195	471
3/0	19	0.08	0.614	225	587
4/0	19	0.08	0.67	260	729
250 MCM	37	0.095	0.732	290	861
300 MCM	37	0.095	0.784	320	1029
350 MCM	37	0.095	0.831	350	1193
400 MCM	37	0.095	0.875	380	1354
500 MCM	37	0.095	0.956	430	1676
600 MCM	61	0.11	1.086	475	2012

\*Ampacity shown above is per the 2011 National Electric Code. The above data is approximate and subject to normal manufacturing tolerances.