



Charlotte™ Wire & Cable Company Inc.

“Taking Care of Business”

toll free: 800-929-9473

2000VOLT ALUMINUM PHOTOVOLTAIC WIRE PV WIRE 2000VOLTS , TYPE RHW-2 2000VOLTS , SINGLE ALUMINUM CONDUCTOR, 90DEG C WET OR DRY

CONSTRUCTION:

CONDUCTOR COMPACT STRANDED 8000SERIES ALUMINUM ALLOY.

INSULATION CROSSLINKED POLYETHYLENE (XLP).

Charlotte Wire Part#	Size AWG	Insulation Thickness (in.)	Approx. O.D. (in.)	Approx. Net Wt. (Lbs/Mft)
CW11001	8	.085"	.32"	45
CW11002	6	.085"	.34"	55
CW11003	4	.085"	.39"	76
CW11004	3	.085"	.42"	88
CW11005	2	.085"	.44"	105
CW11006	1	.105"	.51"	140
CW11007	1/0	.105"	.55"	165
CW11008	2/0	.105"	.59"	198
CW11009	3/0	.105"	.64"	238
CW11010	4/0	.105"	.69"	290
CW11011	250MCM	.120"	.76"	350
CW11012	300MCM	.120"	.81"	400
CW11013	350MCM	.120"	.86"	455
CW11014	400MCM	.120"	.91"	510
CW11015	500MCM	.120"	.98"	620
CW11016	600MCM	.135"	1.09"	750
CW11017	700MCM	.135"	1.15"	860
CW11018	750MCM	.135"	1.18"	910
CW11019	900MCM	.135"	1.28"	1070
CW11020	1000MCM	.135"	1.33"	1180

APPLICATION:

For use in exposed outdoor locations in photovoltaic (PV) source circuits for PV module interconnections within the PV array up to 2000volts. Rated as sunlight resistant, direct burial, and 90Deg C wet or dry.

STANDARDS:

UL 4703: Photovoltaic Wire.
UL 44: Type RHW-2.
NEC Article 690: PV wire.

OPTIONAL CONSTRUCTION:

VW1 rating.
600V USE-2 rating.