

# RPV90 & RPVU90 Photovoltaic Cable



Single conductor, stranded, class B copper with low temperature sun resistant XLPE insulation

## Specifications and Compliance

Industry compliances: CSA C22.2 No. 38, C22.2 No.271-11, ASTM B3, B8,B787

Flame test compliances: FTI - Flame Test (1,706 BTU/Hr. nominal - Vertical Wire Flame Test) • FT4 - Flame Test (70,000 BTU/Hr. - Vertical Tray Flame Test) • FTI for 600V, 1kV or 2kV • FTI and FT4 on 1kV/2kV only

### RPV90

Insulation Voltage	Size AWG	Conductor Stranding	Conductor Insulation Thickness ( mm)	Diameter of Insulated cable (mm)	Weight Of Cable KG/KM
600v	14	19 or 7	0.762	3.404	25
600v	12	19 or 7	0.762	3.886	37
600v	10	19 or 7	762	4.394	57
600v	8	19 or 7	1.143	5.969	94
1000v	14	19 or 7	1.143	4.166	30
1000v	12	19 or 7	1.143	4.648	42
1000v	10	19 or 7	1.143	5.105	61
1000v	8	19 or 7	1.524	6.731	103
2000v	14	19 or 7	1.524	4.928	36
2000v	12	19 or 7	1.524	5.41	49
2000v	10	19 or 7	1.524	5.969	70
2000v	8	19 or 7	2.032	7.747	113

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1000/2000	14	19 or 7	1.524	4.928	36
1000/2000	12	19 or 7	1.524	5.41	49
1000/2000	10	19 or 7	1.524	5.969	70
1000/2000	8	19 or 7	2.032	7.747	113

All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without notice.

### Colour Coding

- Black
- Red

### Features

- Rated at 90°C
- Excellent crush resistance
- Sun resistant insulation provides long service life
- Excellent low temperature properties (-40°C)

### Application

- Suitable for use in a photovoltaic system.
- Cables are for use on the DC and AC side of a photovoltaic system
- Suitable for installation in both wet and dry locations
- May be exposed to sunlight.
- RPVU suitable for direct burial