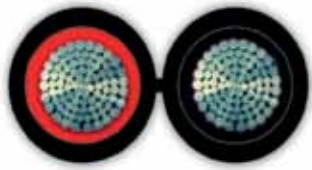


# SE017-SSP PV1-F 2x4mm<sup>2</sup>



4.85mm ±0.3mm

10mm ±0.5mm

## Application

**Application** Suited for connecting photovoltaic system components inside and outside buildings and equipment

## Technical Specifications:

<b>Conductor</b>	Tinned Copper Wire (IEC 60228 Class 5) 52/0.30 ± 0.008mm, Twin
<b>Insulation</b>	125°C Irradiation crosslinking, low smoke zero halogen, flame retardant, polyolefin
<b>Jacket</b>	125°C Irradiation crosslinking, low smoke zero halogen, flame retardant, polyolefin
<b>OD</b>	4.85±0.3mm x 10±0.5mm
<b>Marking</b>	PGK DISTRIBUTION DC SOLAR CABLE V-90 DO NOT DISCONNECT UNDER LOAD 2X4MM <sup>2</sup> TUV PV1-F MAX DC LOAD 1000V BATCH ID "PGK(BATCH NUMBER)"

## Performance

Voltage Rating	600/1000V
Ambient Temperature	-40 °C to +90 °C
Conductor Resistance at 20 °C	5.09Ω/km
Spark Test	AC 1000v in air
Max Current at 60 °C	55A
Dielectric Strength	AC 6500V/1 sec MIN
Tensile strength of unaged values	≥12.5N/nm <sup>2</sup>
Elongation of unaged values	≥125%
Elongation after aging	≥70%
Tensile strength after aging	≥70%
Content of halogen acid gas	IEC670754-1
Bending Radius	> 4 times of cable OD
Thermal endurance properties	> 25 years
Acid & alkali resistance	EN60811-2-1
Ozone resistance	EN50396
UV resistance	HD 605/A1
Fire performance	IEC60332-1
Halogen free	PH≥4.5.HCL≤0.45%.HB≤0.5%F≤0.1%
Thermal endurance test	EN60216-1, EN60216-2, T1120

### PGK Distribution

**Melbourne - Head office**  
8 Mohr St Tullamarine, Vic 3043  
T: 1300 PGK SOL

**Brisbane**  
2/21 Hugo Place Mansfield, QLD 4122  
T: 1300 PGK SOL

**Sydney**  
1/194 Military Rd Guildford, NSW 2161  
T: 1300 PGK SOL

**Perth**  
2/39 Colin Jamieson Dr Welshpool, WA 6106  
T: 1300 PGK SOL