Proudly Australian owned

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SE014-SSP
PV1-F 1x4mm^2

4.85mm ±0.3mm

Application

Application Suited for connecting photovltaic system components inside and outside buildings and equipment

Technical Specifications:

Conductor Tinned Copper Wire (IEC 60228 Class 5) 52/0.30 ± 0.008mm

Insulation 125°C Irradiation crosslinking, low smoke zero halogen, flame retardant, polyolefin

Jacket 125°C Irradiation crosslinking, low smoke zero halogen, flame retardant, polyolefin

OD 4.85±0.3mm

Marking PGK DISTRIBUTION DC SOLAR CABLE V-90 DO NOT DISCONNECT UNDER LOAD 1X4MM^2 TUV PV1-F MAX DC LOAD 1000V BATCH ID "PGK(BATCH NUMBER)"

Performance	
Maximum resistance of conductor at 20°C	5.09Ω/km
Max Current at 60°C	55A
Rating voltage	600/1000V
Ambient temperature	-40~+90°C
Max conductor temperature	125°C
Spark test	AC 1000V in the air
Weathering/UV resistance	720h, no cracking
Dielectric strength	AC 6500V/5 mins
Content of halogen acid gas	IEC670754-1, EN50267-1
Bending radius	≥4 time cable OD, pass
Thermal endurance properties	≥25 years
Elongation of unaged values	≥125%
Tensile strength of unaged values (N/mm^2)	≥12.5
Elongation after aging	>70%
Tensile strength after aging	>70%
Flame Test	IEC60332-1

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