



DESCRIPTION

Non-Halogen Cable for 1500V Photovoltaic Power System Class 5 TC Stranding Low Smoke Density and Direct Burial Applied.

STANDARDS

IEC 60228, IEC 60332-1-2, IEC 60754, IEC 60811, IEC 61034
JCS 4517
Interpretation of EETS Article 46
ROHS 2011/65/EU

CABLE CONSTRUCTION



Conductor	Stranded Tinned Copper
Size	5.5mm ²
Stranding	77/0.30
Diameter	3.0mm
Insulation	XLPO
Minimum Average Thickness	0.7mm
Color	White
Jacket	XLPO
Minimum Average Thickness	1.2mm
Color	Black
Diameter	6.8±0.2mm

ELECTRICAL CHARACTERISTICS (at +20°C)

Voltage Rating	
JCS 4517	DC 1500V
Interpretation of EETS Article 46	DC 1500V
Insulation Resistance	≥ 1000 MΩ.km
Voltage Withstand	6500 VAC
Conductor DC Resistance	≤ 3.46 Ω/km

OTHER CHARACTERISTICS

Bending Radius	
Dynamic	≥ 5 X OD
Static	≥ 4 X OD
Flammability	IEC 60332-1-2, JIS C 3665-1-2
Working Temperature	-40 ~ +90°C
Cable Light Transmittance	≥ 60%

PRINT LEGEND

AKATSUKI S-JET DC 1500V PV-CC 5.5mm² PV CABLE 90°C ROHS & LSZH

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Notes : With or without solid line on whole length above will be required.
Both marking will be required according to the purchase order.

HISTORY

Jan 22, 2018 First issue
Aug 3, 2018 Update file, adjust marking

Draft
V0