



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	3.5mm ²
Stranding	72/0.25
Diameter	2.4mm
Insulation	XLPO
Minimum Average Thickness	0.7mm
Color	White
Jacket	XLPO
Minimum Average Thickness	1.1mm
Color	Black
Diameter	6.0±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	≤ 5.38 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 3.5mm² PV CABLE 90°C ROHS & LSZH

—— AKATSUKI S-JET DC 1500V PV-CC 3.5mm² PV CABLE 90°C —— ROHS & LSZH ——

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

HISTORY

Oct 25, 2017	First issue	Draft
Dec 29, 2017	Add EN standard marking	V0
Aug 3, 2018	Update file, adjust marking	V1