BYSON

BE INSPIRED

Part No.:E328_90039005_V3

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 60811-2-1, IEC 61034, IEC 61215
JCS 4517
EN 50618
Interpretation of EETS Article 46 / H25.03
ROHS 2011/65/EU

CABLE CONSTRUCTION

Conductor	Stranded Tinned Copper
Size	6mm²
Stranding	78/0.30
Diameter	3.0mm
Insulation	XLPO
Minimum Average Thickness	0.7mm
Minimum Thickness	0.5mm
Diameter	4.4mm
Color	White (RAL9003)
Jacket	XLPO
Minimum Average Thickness	1.2mm
Minimum Thickness	0.9mm
Color	Black (RAL9005)
Diameter	6.8±0.2mm

ELECTRICAL CHARACTERISTICS (at +20°C)

Voltage Rating	
EN 50618	DC: Max. 1500V; AC: 1000V
JCS 4517	DC 1500V
Interpretation of EETS Article 46	DC 1500V
Insulation Resistance	≥ 1000 MΩ.km
Voltage Withstand	6500 VAC
Conductor DC Resistance	≤ 3.39 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 Net Weight	About 86 g/m

PRINT LEGEND

H1Z2Z2-K 1X6mm² PV WIRE BYSON ELECTRONICS S-JET DC 1500V PV-CC 6mm² PV CABLE 90°C ROHS & LSZH

——— H1Z2Z2-K 1X6mm² PV WIRE BYSON ELECTRONICS ——— S-JET DC 1500V PV-CC 6mm² 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

Nov 17, 2014 First issue	Draft
Mar 16, 2015 5.5mm² adjusted to 6mm² in marking	V0
Apr 11, 2016 Optimized file	V1
Sep 9, 2016 Add "ROHS & LSZH" on marking	V2
Nov 24, 2016 Changing marking, withdrawn TUV 1169 according to EN standard requirement	V3