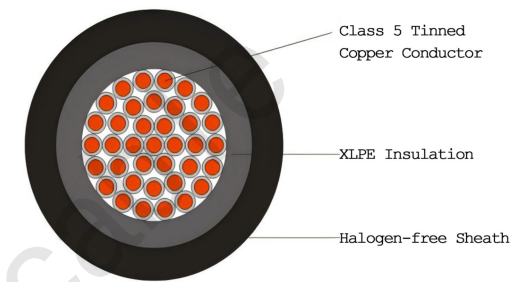


SPECIFICATION IDENTIFICATION

Datasheet FGV1-3.3 2025CN

Certification ON.	R 50674394 0001/R 50412869/AN 50674355 0001
Product name;	Photovoltaic cable
Certification standards;	TÜV IEC62930 131/EN50618 H1Z2Z2-K/CE
model;	1X4.0mm²
Rated voltage;	1.0KV/AC 1.5KV/DC
Rated temperature:	-40°C up to +90°C
Max.Temperatureat Conductor;	120°C
ROHS Request:	Pass
Application area :	For solar plants distribution system
Labeling	Sections

FENGGUO CABLE TÜV CE 62930 IEC131/EN50618
H1Z2Z2-K 1X4.0mm² 1.0KVAC 1.5KVDC
Halogen free low smoke PV CABLE MADE IN
CHINA www.fengguocable.com



Information for the cable dimensions

Conductor structure	Class 5 Tinned copper conductor
Material	Tinned copper wire (TXR)
Number of wires in conductor	56
Diameter of Wires in Conductor (mm)	0.280
Conductor OD (mm)	2.50
Material insulation	Halogen free cross-linked polyolefin
Average.Wall Thickness of insulation (mm)	0.70
Min.Wall Thickness of insulation (mm)	0.60
Insulation OD (mm)	3.90
Color insulation	Black/White
Material sheath	Halogen free cross-linked polyolefin
Average.Wall Thickness of sheath (mm)	0.80
Min.Wall Thickness of sheath (mm)	0.70
Sheath OD (mm)	5.50
Color sheath	Black/Red
Max.DC Resistance,20℃ [MΩ*km]	5.09
Current Carrying Capacity(A)	55

CHANGZHOU CITY FENGGUO JIN'E WIRE & CABLE CO LTD

Desi. Liu liang	Check. Hu junli	Appr. Zhang xinyi
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Date 01.05.2025