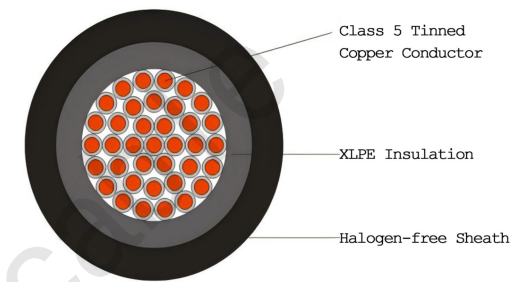


SPECIFICATION IDENTIFICATION

Datasheet FGV1-3.4 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;	1X6.0mm²
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 1X6.0mm² 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	84
Diameter of Wires in Conductor (mm)	0.280
Conductor OD (mm)	3.00
Material insulation	Halogen free cross-linked polyolefin
Average.Wall Thickness of insulation (mm)	0.80
Min.Wall Thickness of insulation (mm)	0.70
Insulation OD (mm)	4.60
Color insulation	Black/White
Material sheath	Halogen free cross-linked polyolefin
Average.Wall Thickness of sheath (mm)	0.85
Min.Wall Thickness of sheath (mm)	0.75
Sheath OD (mm)	6.30
Color sheath	Black/Red
Max.DC Resistance,20℃ [MOhm*km]	3.39
Current Carrying Capacity(A)	70

CHANGZHOU CITY FENGGUO JIN'E WIRE & CABLE CO LTD

Desi. **Liu liang** Check.**Hu junli** Appr.**Zhang xinyi**

Date **01.05.2025**