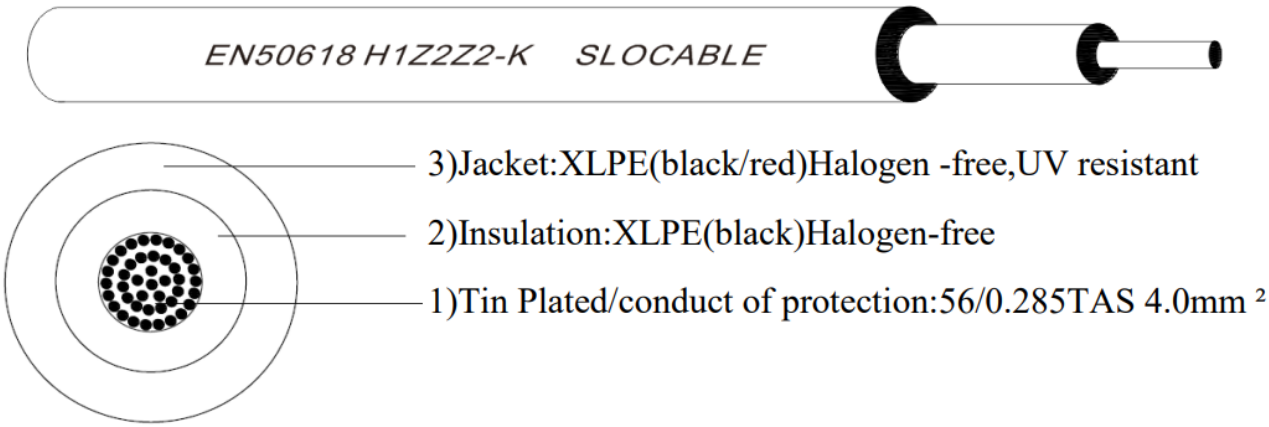
Technical Data of EN50618 H1Z2Z2-K 1x4.0mm2 Solar Cable

1. Solar Cable Features

1.1 Construction:



1.2 Part NO.

Black:CA104B-PE1500V Red:CA104R-PE1500V Blue:CA104L-PE1500V

1.3 Specification

Items	Unit	Value
Type	mm^2	1x4.0
Cross section	mm^2	4.0
Conductor Structure	mm	56X ¢ 0.285
Conductor diameter	mm	2.6
Outer diameter	mm	6.10
Conductor resistance	Ω/Km	4.97
Rated voltage	V	1500
Rated current	A	50
Weight	kg/km	68
Conduct material: High resistant oxygen Copper, Tin Plated		

1.4 Physical properties

- **a)** Rated voltage: AC 1.5KV, DC 1.5 KV.
- **b)** Max. conductor temperature: +120℃.
- **c)** Ambient temperature: -40~+90℃.
- **d)** Max.short circuit temperature: +280℃/5S.
- **e)** Expected period of use ≥25 years; Warranty: 5 years.

f) The smallest permissible bending radius:5x outer diameter.

2. Standard

a) According to: EN50618/IEC50618.

b) Smoke density: acc. to IEC 61034 (EN-50268).

c) Halogen free acc. to IEC 60754 (EN-50267).

d) Ozone resistance: acc. to EN50396.

e) Oil resistance: acc. to IEC 60811.

f) UV resistant: HD605/A1

3. Packaging & Delivery

All cables will be delivered on drums with protection of both ends of the cable. Each drum will have a waterproof mark according to requirements.

Normal cable length: 2~4 km, or as per the customer's requirements

