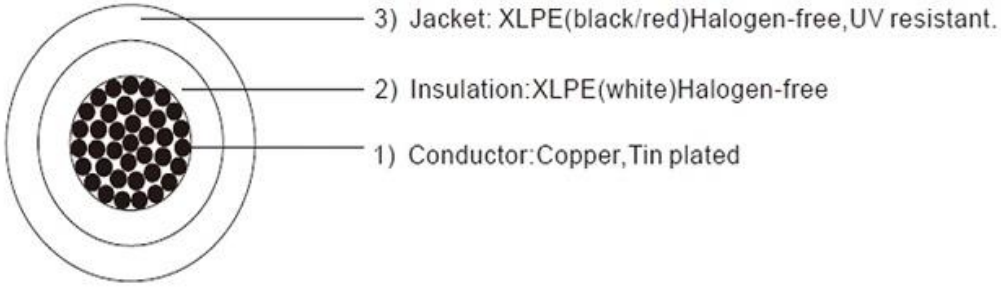
Technical Data of EN50618 H1Z2Z2-K 1×6.0mm² Solar Cable

1. Solar Cable Features

1.1 Construction:





1.2 Part NO.

Black:CA106B-PE Red:CA106R-PE

1.3 Specification

Items	Unit	Value
Type	mm^2	1x6.0
Cross section	mm^2	6.0
Conductor Structure	mm	78X ¢ 0.3
Conductor diameter	mm	3.2
Outer diameter	mm	6.4
Max. Conductor resistance at 20°C	Ω/Km	3.52
Rated voltage	V	1500
Rated current	A	70
Weight	kg/km	98
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) Dielectric Strength (AC): 6.5KV/5Min.

e) Expected period of use ≥25 years; Warranty: 5 years.

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

2. Standard

a) Flame test： EN60332-1-2

b) Smoke density： EN61034-2

c) Halogen free： EN50525-1

d) Ozone resistance： EN50396

e) Oil resistance： EN60811

f) UV resistant：EN60811-501

