

# SOLAR CABLE

H1Z2Z2-K

## Construction

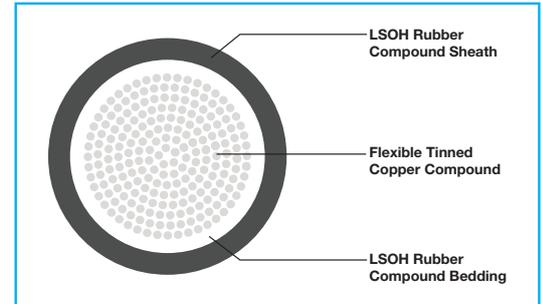
Flexible tin plated copper class 5 CEI EN 60228, LSOH Rubber compound type G21, LSOH Rubber Compound type M21. Single core cables, for photovoltaic and solar system use, elastomeric compound insulated and sheathed. Flame retardant, halogen free, and a low smoke flexible cables for fixed laying, lifetime testing 20.000h/120°C.

## Applications

Cable suitable for the interconnection of the various elements of photovoltaic systems. Suitable for fixed installation outside and inside without protection or inside pipes, ducts or similar closed systems. High resistance against ozone, U.V. rays, oils, moisture and weather inclemencies. Suitable for use at an ambient temperature up to 90°C (120° overload). The estimated lifetime of these cables is at least 25 years.

## Packaging

Available in 500 metre drums.



## Specification

Voltage Rating	1800 Volts DC
Temperature Range	-40° to +90°C
Bending Radius	4 x Diameter of cable
Flexibility Class	5
Conductor Type	Flexible tin plated/Copper class - 5 CEI EN 60228
Insulation Material	LSOH Rubber Compound
Sheath Material	LSOH Rubber Compound
Sheath Colours	Black, Red



## Technical Data

Product Code	Size mm <sup>2</sup>	Outer Diameter mm	Nominal Amps	Max cond. resist. at 20°C Ohm/km	Cable Weight kg/km
SOLAR4.0#	4.0	5.5	55	5.09	62
SOLAR6.0#	6.0	6.3	70	3.39	85
SOLAR10.0#	10.0	7.5	98	1.95	135
SOLAR16.0#	16.0	8.5	132	1.24	200

# When ordering, insert colour code here (Refer to Page 1)