

Solar Cable (H1Z2Z2-K)

H1Z2Z2-K Solar Cable is TUV and EN certified and designed for the connection of photovoltaic panels. This extremely versatile single conductor cable is designed to meet the varying needs of the solar industry. Highly flexible, compatible with all brands of connectors and suitable for wet, damp and humid applications.

Conductor	Class 5 Flexible Tinned Copper Conductor
Insulation	Cross Linked Halogen Free (LSOH)
Sheath	Cross Linked Halogen Free (LSOH)
Voltage	DC System 1500/1500V AC System 1100/1100V
Temp Rating	-40°C/+120°C
Min Bending Radius	10 x Overall Diameter
Cable Standard	EN 50618
Max Voltage	1.8kV (DC)
Test Voltage	6.5kV (AC)
Sheath Colour	Black (Red available on request)

Size (Sq.mm)	Insulation Thickness (mm)	Sheath Thickness (mm)	Approx. OD (mm)	Weight (Kgs/Km)	Current Carrying Capacity			Max Cond. Resistance @ 20°C (ohms/km)
					Single Core Free Air	Single Core Surface	2 Cables Surface	
1.50	0.70	0.80	4.60	36	30	29	24	13.7
2.50	0.70	0.80	5.00	47	41	39	33	8.21
4.00	0.70	0.80	5.50	62	55	52	44	5.09
6.00	0.70	0.80	6.10	82	70	67	57	3.39
10.0	0.70	0.80	7.10	122	98	93	79	1.95
16.0	0.70	0.90	8.45	182	132	125	107	1.24
25.0	0.90	1.00	10.40	280	176	167	142	0.795
35.0	0.90	1.10	11.50	378	218	207	176	0.565

All figures quoted are approximate