

H1Z2Z2-K

STANDARDS
EN 50618



DoP:SVL-066
Dca

CONSTRUCTION / SPECIFICATIONS

- | | | | |
|--|---|---|--|
| <p>1 conductor
Fine-stranded tinned copper (Class 5)</p> | <p>10 x D
Min. bending radius</p> | <p>200°
Max. short circuit temperature</p> | <p>1,8 kV
Max. permitted voltage (DC)</p> |
| <p>2 HFFR
Halogen free flame retardant</p> | <p>120°
Max. operating temperature</p> | <p>6,5 kV
AC test voltage</p> | <p>Low smoke - EN 61034</p> |
| <p>3 HFFR
Halogen free flame retardant</p> | <p>-40°
Min. operating temperature</p> | <p>Flame propagation test on single cable - EN 60332-1</p> | <p>Halogen free EN 50525-1 EN 50267</p> |

Rated Voltage For DC System 1500/1500 V
Rated Voltage For AC System 1100/1100 V



APPLICATIONS

Single-core solar cable: Especially designed to connect solar panels for permanent junction boxes and inverters. Good abrasion and ozone resistant flame-retardant properties. Halogen-free, oil-resistant and outstanding flexibility.

TECHNICAL SPECS

Nominal Cross Sectional (mm)	Thickness of Insulation (mm)	Thickness of Over sheath (mm)	Overall Diameter app. (mm)	Net Weight app. (kg/km)	Current Carrying Capacity in			Conductor DC Resistance at (20°C) max. ohm/km
					Single Cable free in air (A)	Single Cable on a surface (A)	Two Cables Adjacent on a surface (A)	
1,5	0,70	0,80	4,60	36	30	29	24	13,7
2,5	0,70	0,80	5,00	47	41	39	33	8,21
4	0,70	0,80	5,50	62	55	52	44	5,09
6	0,70	0,80	6,10	82	70	67	57	3,39
10	0,70	0,80	7,10	122	98	93	79	1,95
16	0,70	0,90	8,45	182	132	125	107	1,24
25	0,90	1,00	10,40	280	176	167	142	0,795
35	0,90	1,10	11,50	378	218	207	176	0,565

RoHS Compliant

Onthanks dat de gegevens zorgvuldig zijn samengesteld kunnen aan deze productsheet geen rechten worden ontleend.

