

HIKRA[®] PRO

Our TÜV certified solar cable HIKRA[®] PRO meets the requirements of the DKE (German Electrical Commission) and features optimal mechanical and electrical properties. Robust materials defy the long-term influences of nature and offer a maximum of quality and safety.

HIKRA[®] PRO is made for outdoor and indoor installation, as fixed installation or steady movement in free motion.



Type Approved
Safety
Regular Production
Surveillance



www.tuv.com
ID 0000038808

► Features

- UV-, ozone-, acid-, alkali- and weather-resistance
- Flame-retardant, halogen-free
- Good abrasion resistance, robust
- Highly flexible for high mechanical stress
- RoHS und REACH-conformant
- Sheath colours: black / red
- 25- years factory warranty from date of delivery. The warranty conditions for HIKRA[®] Pro cable apply for intended use, installation and operating conditions.

► Technical Data

- Approvals TÜV 2 Pfg. 1169/08.07 (R 60079103)
- Working temperature range: -40° C to +90° C | Overload temperature: +120° C
- Minimum bending radius flexible | fixed: 10 cable dia. | 4x cable dia.
- Short circuit temperature: Max 200°C 5S
- Nominal voltage [U₀/U]: AC 600 / 1.000 V | DC 900 / 1.500 V
- Test voltage: AC 6,5 kV / DC 15 kV
- Max. Voltage 1.800 V (conductor/conductor not grounded system, non-loaded circuit)

► Construction

- Tin-plated copper strand, fine wire as per IEC 60228 class 5
- Double insulated
- Insulation / Chemically cross-linked special compound

Colour scheme



Order No.		Section mm ²	Conductor construction n x max-ø (mm)	Maximum of conductor resistance (Ω/km)	External diameter (±0,2 mm)	Weight, approx. kg/km
black	red					
725213	725255	1 x 2,5	48 x 0,25	8,21	5,0	40
725214	725257	1 x 4,0	52 x 0,30	5,09	5,3	60
725215	725258	1 x 6,0	76 x 0,30	3,39	5,8	80
725216	725259	1 x 10,0	78 x 0,40	1,95	6,9	140
725217	725260	1 x 16,0	118 x 0,40	1,24	8,3	198