Technical Datasheet

SolarCable

Earthing cable

Date: 08-09-2023

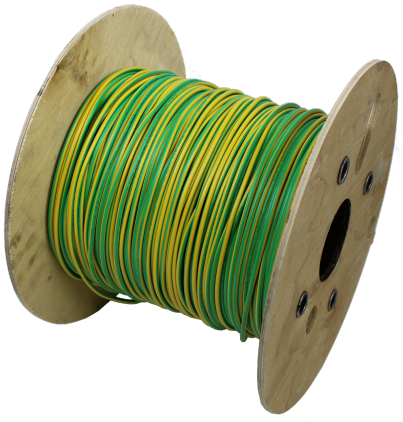
Article number: PE.40GG100/PE.40GG500, PE.16GG100/PE.16GG500, PE.60GG100/PE.60GG500

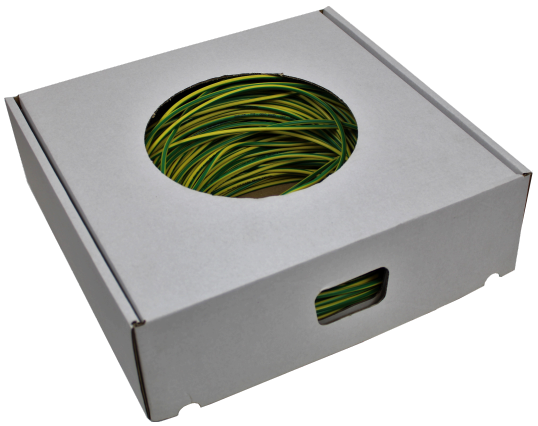
HS-Code: 8544602

Product description

Flexible earthing cable with tinned copper core, specially designed for application in the demanding environment of photovoltaic installations. This cable is UV resistant, excellent for grounding PV installations as required by the NEN1010. Composition according to EN 50525-2-31.

Product image





CONDUCT TECHNICAL SOLUTIONS

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Composition

1. Conductor: flexible tinned copper, class 5 — EN 60228
2. Insulation: PVC, type TI1 (colors: green/yellow UV-resistant) — EN 50363-3



Product specifications

- Quadrature: 4mm²/6mm²/16mm²
- Nominal voltage: 450/750 V
- Test voltage: 2500 V
- Operating temperature: -15°C tot +70°C
- Maximum short circuit temp: 160°C (max. 5 Seconds)
- UV-resistant: complies (EN 50618)
- Bending radius: 5 x D
- CPR classification: Eca (EN50575)
- No flame spread: complies (EN 60332-1-2)
- Country of origin: Spain

Data and dimensions

DOORSNEDE MM²	WEERSTAND¹ Ω/KM A 20°C	MAX. STROOM¹ AMPS A 40°C	ISOLATIE DIKTE, MM	BUITENSTE ø MM	GEWICHT KG/KM
1x1,5	13,7	15	0,7	2,9	20
1x2,5	8,21	21	0,8	3,6	32
1x4	5,09	27	0,8	4,1	46
1x6	3,39	36	0,8	4,7	63
1x10	1,95	50	1,0	6,0	108
1x16	1,24	66	1,0	7,1	159
1x25	0,795	84	1,2	8,7	244
1x35	0,565	104	1,2	9,9	335

Dimensions and weights are approximate, subject to minor variations due to process. *Note 1: Maximum current capacity for three-phase circuit and installation method C (see IEC 60364-5-523)*