

BiTground® UV 450/750 V

Flexible, single-core earthing cable with PVC insulation, rated 450/750 V



Technical data:

Thermal parameters:

Operating temperature:

fixed installation: -40 °C to 80 °C
min. installation temp.: -5 °C

Mechanical parameters:

Min. bendig radius:

Ø≤8 mm: 4xØ
8 mm<Ø≤12 mm: 5xØ
Ø>12 mm: 6xØ

Design:

Conductors:

bare copper conductors, multi-stranded class 5
acc. to EN 60228

Insulation:

PVC compound, UV resistant

Core identification:

green-yellow

Application:

PVC cable for earthing connections in electrical equipment, PV installations and other electrical installations. For indoor and outdoor use. Cables classified according to EN 50575 (CPR).

Tests:

Flame propagation test for a single cable:

EN 60332-1-2, IEC 60332-1-2, VDE 0482-332-1-2

Cat. no	1 G mm ²	Outer diameter* [mm]	Approximate cable weight [kg/km]
IG2150	4	5,4	60
IG2151	6	5,8	80
IG2152	10	6,8	120
IG2153	16	8,0	180
IG2154	25	9,3	260
IG2155	35	10,6	355
IG2156	50	12,2	490
IG2157	70	14,1	680
IG2158	95	15,8	895
IG2159	120	17,6	1120
IG2160	150	19,0	1360
IG2161	185	21,2	1660
IG2162	240	23,8	2170

*Outer diameter tolerance: +/-5%

Cable Factory BITNER reserves the right to modify specifications without prior notification

Note: On customer's request other cross sections can be produced