



Flexibility and long service life

IBC FlexiSun 2.5/4/6/10/16 mm² H1Z2Z2-K

Cable for photovoltaicsystems





10 year power and 30 year expected life



Robust



Buriable



100% tested quality



German warrantor

Flexibility in their laying and a particularly long service life this is what sets IBC FlexiSun cables apart. They are tested for a minimum service life of more than 25 years and meet the latest TÜV and VDE standards. This means zero maintenance over the entire service life of your PV system. Their resistance to ammonia, UV light and ozone is a factor in ensuring this. As a result, the cables can be used both indoors and outdoors in areas where there is a potential for explosions as well as in industrial, commercial and agricultural operations. Another advantage: Flame propagation in cable harnesses and smoke emission values are better than the standard that is required. This is also ensured by internal tests.





















TECHNICAL DATA

Labeling

Nominal cross section (mm²)	2.5	4	4**	6	6**	10	16
Conductor diameter (mm)	1.9	2.4	2.4	2.9	2.9	4	5.6
Outer diameter (minimum) (mm)	4.8	5.3	6	5.9	6.5	7	9
Outer diameter (maximum) (mm)	5.4	5.9	6.6	6.4	7.1	7.6	9.8
Net cable weight. approximate (kg/km)	50	70	90	80	110	130	200
Min. bending radius (mm)	17	18	26.4	20	28.4	23	30
Max. current load at 60 °C (A)	41	55	55	70	70	98	132
Permitted short circuit current (1 sec) (kA)	0.36	0.57	0.57	0.86	0.86	1.43	2.29
Item number 500 meter reel black	7000200023	7000200024	7000200052	7000200026	7000200053	7000200028	7000200029
Item number 100 meter flange black	7000200039	7000200040	_	7000200042	_	7000200044	7000200045
Item number 500 meter reel red	_	7000200025	_	7000200027	_	_	_
Item number 100 meter flange red	_	7000200041	_	7000200043	_	_	_

IBC FlexiSun® (cross section) H1Z2Z2-K according to: DIN EN 50618

** Metall-coated version

Presented by:

Subject to modifications that represent progress.

^{*} The warranty presupposes installation in accordance with the valid instructions. The precise conditions and content can be taken from the respectively valid version of the product warranty, which you obtain from your IBC Premium Partner.