

Solar Cable

Application

Used on both off-grid applications or grid connected PV-Systems.

TÜV Approved

Construction

Conductor	Flexible Tinned Copper
Insulation	Halogen Free special Copolymer
Sheath	Halogen Free special Copolymer
Colours	Black and red. Others available on request

Technical Specification

Nominal Voltage	0.6/1kV a.c. 0.9/1.5kV d.c.
Test Voltage	6.5kV a.c.
Operating Temperature	-40°C to + 90°C
Max Core Temperature	+ 120°C (for 20,000 hours)
Minimum Bending Radius	5 x outer diameter
Approval	TÜV 2 Pfg 1169/08.2007

Anixter Number	Nominal Conductor Area mm ²	Nominal Outer Diameter mm	Approximate Cable Weight kg/km
SOLAR-TUV-0040-02	4	6.0	70
SOLAR-TUV-0060-02	6	6.8	97
SOLAR-TUV-0100-02	10	8.4	168

For Red use suffix -03

Not TÜV Approved

A range to the above construction and technical specification is also available but without TÜV approval.

Anixter Number	Nominal Conductor Area mm ²	Nominal Outer Diameter mm	Approximate Cable Weight kg/km
SOLAR-0025-02	2.5	5	46
SOLAR-0040-02	4	5.4	62
SOLAR-0060-02	6	6.2	86
SOLAR-0100-02	10	7.4	132
SOLAR-0160-02	16	8.6	194
SOLAR-0250-02	25	10.5	298
SOLAR-0350-02	35	11.6	396
SOLAR-0500-02	50	14.6	561
SOLAR-0700-02	70	16.6	758
SOLAR-0950-02	95	18.4	997
SOLAR-1200-02	120	20.4	1241