

TOPSOLAR PV



ZZ-F

Cables for photovoltaic solar installations

DESIGN

Conductor

Class 5 tinned copper, based on EN 60228

Insulation

LSZH thermosetting Rubber (EI6 type)

Outer sheath

LSZH thermosetting rubber (type EM8). Red or black colour.

APPLICATIONS

Flexible cables for mobile service and for fixed installations. Specially designed for the connection of photovoltaic panels.

Packaging

Available in rolls (lengths of 50 and 100 m) and coils.



TOPSOLAR PV ZZ-F

DIMENSIONS

Sección (mm ²)	Diámetro (mm)	Weight (Kg/km)	Open Air (A)	inst. on surface (A)	inst. adjoining to surface (A)	Voltage drop (V/A · km)
1 x 1,5	4,9	40	30	29	24	38,0
1 x 2,5	5,0	45	41	39	33	23,0
1 x 4	5,6	61	55	52	44	14,3
1 x 6	6,2	80	70	67	57	9,49
1 x 10	7,2	125	98	93	79	5,46
1 x 16	8,2	180	132	125	107	3,47
1 x 25	10,8	294	176	167	142	2,23
1 x 35	11,9	390	218	207	176	1,58

CHARACTERISTICS

- Flexible conductor class 5/6
- Minimum bending radius 3 x cable diameter
- Impact resistance AG2 medium impact
- UV resistant
- Minimum service temperature: -40 °C (Fixed and protected installation)
- Meter by meter marking
- Water resistance AD7 immersion
- Estimated lifetime 30 years
- Maximum service temperature 120°C
- Flame non-propagation
- Chemical & Oil resistance: good
- Grease & mineral oils resistance: excellent
- Maximum short-circuit temperature: 250°C (max. 5 s)
- Outdoor installation: occasional
- Low extreme temperature resistance: excellent
- Abrasion resistance: excellent

INSTALLATION CONDITIONS

- Photovoltaics solar installations
- Open air

For further technical data please request this cable's technical datasheet.

Top Cable reserves the right to carry out any modification to the data sheets whatsoever without giving previous notice.

