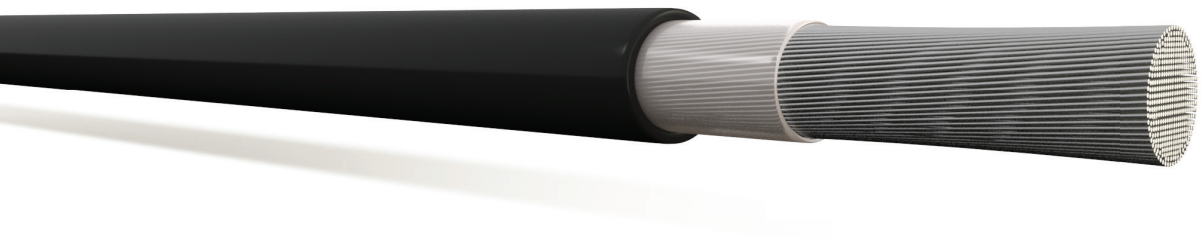
Amphenol Broadband Solutions®

CABLE AMPHESOLAR



CABLE AMPHESOLAR

CABLE AMPHESOLAR PV1,8 KV CC

BASED AT **ABNT NBR 16612**

Cables Amphesolar are suitable for installations between the photovoltaic cell and the DC terminals of the photovoltaic inverter it meets the extreme requirements of photovoltaic uses.

ISO 9001:2015 RoHS 2002/95/EC ANATEL

Conductors formed by tinned copper wires, stranding class 5, according to NBR-NM-280 and EC-60228, insulated with halogen-free thermosetting polyolefin compound, halogen-free, flame-retardant, thermosetting polyolefin compound with UV and weather resistance sheath.

DIMENSIONAL CHARACTERISTICS

Nominal cross-sectional area (mm^2)	Maximum diameter of wires in conductor (mm)	Nominal thickness of insulation (mm)	Nominal outer diameter (mm)
4.00	0.31	0.70	5.80
6.00	0.31	0.70	6,50
10.00	0.41	0.70	7.50

ELECTRICAL AND ENVIRONMENTAL CHARACTERISTICS

Characteristic	Value
Operating temperature (°C)	From -15°C to 90°C
Maximum conductor resistance at 20°C (Ω/km) to 4$mm^2$10.00	5.09
Maximum conductor resistance at 20°C (Ω/km) to 6mm^2	3.39
Maximum conductor resistance at 20°C (Ω/km) to 10mm^2	1.95

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