

conductor material:	tinned copper
conductor construction:	fine stranded, class 5
insulation:	cross-linked polyolefin-copolymer
sheathing material:	cross-linked polyolefin-copolymer
flame retardant:	VDE 0482-332-1-2/IEC 60332-1
halogen free:	DIN EN 50267/IEC 60754
ozone resistant:	yes
maximum temperature at conductor:	120 °C
max. operating temperature, fixed:	-40 - +90 °C
temperature, moved/during installation:	-40 - +90 °C
bending radius, fixed installation:	4 x DA
bending radius, moved application:	6 x DA
insulation resistance:	1x10exp5 MOhm _x km
nominal voltage (DC):	0,9/1,8 kV
nominal voltage U:	1 kV
nominal voltage U_o:	0,6 kV
test voltage:	6,5 kV

Application: For free movable or fixed installation in photovoltaic installations according to EN 60364-7-712. Cable may be used indoor, outdoor, in explosion hazard areas in industry and agriculture. It is treated as short-circuit and earth-fault safe.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

table: technical data FACAB SOLAR VE

Art.-Nr.	part-name	DI [mm]	RI [Ω/km]	I _b [A]	DA [mm]	F _z [N]	CU	G [kg/km]
040788	FACAB SOLAR VE 01X4 0,6/1 kV verzinnte Ader, schwarz	3	5,09	55	4,7	60	38,4	54
040789	FACAB SOLAR VE 01X4 0,6/1 kV verzinnte Ader, blau	3	5,09	55	4,7	60	38,4	54
040790	FACAB SOLAR VE 01X4 0,6/1 kV verzinnte Ader, rot	3	5,09	55	4,7	60	38,4	54
040791	FACAB SOLAR VE 01X10 0,6/1 kV verzinnte Ader, schwarz	3,9	3,39	70	5,3	90	58	73
040792	FACAB SOLAR VE 01X6 0,6/1 kV verzinnte Ader, blau	3,9	3,39	70	5,3	90	58	73
040793	FACAB SOLAR VE 01X6 0,6/1 kV verzinnte Ader, rot	3,9	3,39	70	5,3	90	58	73
040840	FACAB SOLAR VE 01X10 0,6/1 kV verzinnte Ader, schwarz	5,1	1,95	98	6,7	150	96	118

The current rating is calculated for 60 °C ambient temperature and 120 °C on conductor.