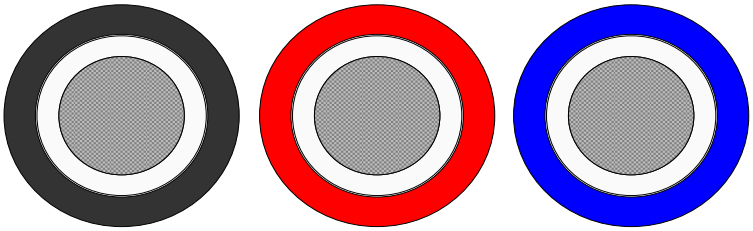
PVC INSULATED, OIL RESISTANT CONTROL CABLES
SOLAR CABLE PV1-F



APPLICATION

- Special design for connecting photovoltaic system
- Indoors and outdoors equipment
- With high mechnical requirements and extreme weather
- Conditions for permanent installations

TECHNICAL CHARACTERISTICS

1	-	Conductor	:	IEC 60228, DIN VDE 0295, EN 60228 CLASS 5 STRANDED TINNED COPPER
2	-	Insulation	:	SPECIAL CROSS-LINKED HFFR COMPOUND
3	-	Insulation Colour	:	RAL 9003 WHITE
4	-	Sheath	:	SPECIAL CROSS-LINKED HFFR COMPOUND
5	-	Sheath Colour	:	RAL 9005 BLACK OR RAL 3000 RED OR RAL 5015 BLUE
6	-	Bending Radius	:	10xCABLE Ø
7	-	Operating Voltage (AC)	:	0.6/1 kV
8	-	Test Voltage	:	6 kV
9	-	Conductor Temperature	:	Max. +120 °C
10	-	Short Circuit Temperature	:	Max. +200 °C/5 sn
11	-	Temperature Range	:	-30°C ~+120°C
12	-	Expected Life Time	:	>25 YEARS (IEC/EN 60216-1)
13	-	Flame Retardant Test	:	IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2
14	-	Smoke Density	:	IEC 61034-2, VDE 0482-1034-2, EN 61034-2
15	-	Corrosive Gas Test	:	IEC 60754-2, VDE 0482-267-2-3, EN 50267-2-3
16	-	Halogen Free Test	:	IEC 60754-1, VDE 0482-267-2-1, EN 50267-2-1

CROSS SECTION	*INSULATION DIAMETER [mm]*	*OUTER DIAMETER [mm]*	*APPROX WEIGHT [kg/km]*	*CONDUCTOR RESISTANCE [Ω/Km]*	*CURRENT CARRYING CAPACITY [A]*
1x6	4,30	5,9 ± 1	82	3,39	67
1x25	7,80	9,8 ± 1	282	0,795	167
1x50	10,80	13,00±1,5	530	0,393	275