PHOTOVOLTAIC SOLAR (PV) CABLE

Application	:	Photovoltaic solar cables are designed for the interconnection of various elements in photovoltaic systems, including pannel interconnection, between panels and string boxes or from string boxes to the inverter. Suitable for fixed installations, internal and external, within conduit or systems.
Standards	:	BS EN 50618 (H1Z2Z2-K)
Conductor	:	Flexible (Class5) annealed tinned copper conductors to EN 60228
Insulation	:	Cross-linked halogen free material as per BS EN 50618
Sheath	:	Cross-linked halogen free material as per BS EN 50618
Voltage Rating	:	1500V (d.c.) & 1.0/1.0 kV (a.c.)
Minimum Conductor Operating Temperature	:	-40°C
Maximum Continous Conductor Operating Temperature	:	90°C
Short Circuit Temperature	:	250°C
Flame Retardant	:	EN 60332-1-2

Cross-linked halogen free Insulated & Cross-linked halogen free Sheathed Single Core Cables, Rated voltage 1500V (d.c.) & 1.0/1.0 kV (a.c.)

Catalouge Number	Nominal Cross Section Area	Insulation Thickness	Outer Sheath Thickness	Approx. Overall Diameter	Minimum insulation resistance at 20 °C	Minimum insulation resistance at 90 °C	Approx. Weight
	SQ.MM	**MM**	**MM**	**MM**	**MΩ.km**	**MΩ.km**	**Kg/Km**
NPV*TVVSC0015FBSEN	1.5	0.7	0.8	4.6	860	0.86	37
NPV*TVVSC0025FBSEN	2.5	0.7	0.8	5.0	690	0.69	48
NPV*TVVSC0040FBSEN	4	0.7	0.8	5.6	580	0.58	62
NPV*TVVSC0060FBSEN	6	0.7	0.8	6.2	500	0.50	86
NPV*TVVSC0100FBSEN	10	0.7	0.8	7.5	420	0.42	134
NPV*TVVSC0160FBSEN	16	0.7	0.9	8.5	340	0.34	193
NPV*TVVSC0250FBSEN	25	0.9	1.0	10.5	340	0.34	300
NPV*TVVSC0350FBSEN	35	0.9	1.1	12	290	0.29	400
NPV*TVVSC0500FBSEN	50	1.0	1.2	13.5	270	0.27	540
NPV*TVVSC0700FBSEN	70	1.1	1.2	15.5	250	0.25	765
NPV*TVVSC0950FBSEN	95	1.1	1.3	17.5	220	0.22	1025
NPV*TVVSC0120FBSEN	120	1.2	1.3	19.5	210	0.21	1275
NPV*TVVSC0150FBSEN	150	1.4	1.4	21.5	210	0.21	1515
NPV*TVVSC0185FBSEN	185	1.6	1.6	24.5	200	0.20	1965
NPV*TVVSC0240FBSEN	240	1.7	1.7	27.5	200	0.20	2535

Notes: N(*) Add core/sheath colour
Cables can be supplied in Coil/Reel/Drum with meters/yards/feet.
The above data are indicative & may be changed without prior information.