

PV1-F-0.6/1KV solar cable

Nom. cross-sectional area of conductor	Stranding wire and diameter	Approx. overall diameter	Insulation thickness	Sheath thickness	Approx. weight	Max. D.C. resistance of conductor @20°C	Tensile strength in operation
No.xmm ²	No./mm	mm	mm	mm	kg/km	Ω / km	N
1x1.5	30/0.25	4.57	0.7	0.8	25	13.7	22
1x2.5	49/0.25	5.02	0.7	0.8	35	8.21	37
1x4	56/0.30	5.76	0.8	0.8	53	5.09	60
1x6	84/0.30	6.7	0.8	0.9	75	3.39	90
1x10	77/0.40	8.3	1.0	1.0	125	1.95	150
1x16	119/0.40	9.4	1.0	1.0	180	1.24	240
1x25	189/0.40	11.2	1.0	1.2	269	0.795	375
1x35	259/0.40	12.3	1.0	1.2	357	0.565	525
1x50	336/0.40	14.7	1.1	1.4	512	0.393	750
1x70	518/0.40	16.6	1.2	1.4	692	0.277	1050
1x95	703/0.40	18.6	1.2	1.5	918	0.210	1350
1x120	888/0.40	20.6	1.4	1.5	1161	0.164	1800
1x150	1110/0.40	23.1	1.6	1.6	1453	0.132	2250
1x185	1369/0.40	25.3	1.7	1.7	1780	0.108	2775
1x240	1147/0.50	28.4	1.8	1.8	2307	0.0817	3600

*The information in this datasheet is for reference only and is subject to change without notice or liability.