

Photovoltaic Wire

Type PV

90°C Wet & Dry 600 Volts

Features

Conductors available in tinned or copper
 Insulation: 90°C EPCV
 RoHS and REACH Compliant

Product Design Options

Custom strand constructions
 Custom diameter to meet design criteria
 Various colors for base and stripe combinations
 Packaging options: reels, drums, returnable containers

Compliances

UL 4703
 Article 690 of NEC, NFPA 70
 VW-1
 Sunlight Resistant
 -40 °C
 90°C Wet and 90°C Dry
 600 Volts rated wire

Applications

Interconnection wiring of grounded and ungrounded photovoltaic power systems

AWG size	Number of Strands	Strand Size (ga)	Nom Cond OD (In)	Nom OD (In)	Min Wall (In)	Approx. Net Weight (lbs/mft)	Approx. Cu (lbs/mft)
18	7	26	0.046	0.184	0.060	20	5
16	7	24	0.059	0.198	0.060	25	8
14	7	22	0.072	0.209	0.060	32	14
12	19	25	0.091	0.229	0.060	41	20
10	19	23	0.112	0.249	0.060	56	32
8	19	21	0.142	0.318	0.075	90	51
6	37	21	0.187	0.371	0.075	127	79
4	61	22	0.236	0.425	0.075	184	125
2	133	23	0.298	0.488	0.075	272	201
1	133	22	0.334	0.566	0.095	350	251
1/0	133	21	0.374	0.611	0.095	427	316
2/0	133	20	0.421	0.658	0.095	522	404
3/0	1672	30	0.515	0.717	0.095	644	516
4/0	2109	30	0.565	0.775	0.095	789	653

Rev 0

Customer Service Group

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