

Photovoltaic Wire

Type PV

90°C Wet & Dry 1000 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
 1000 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	0.216	0.075	25	5
16	7	24	0.059	0.230	0.075	31	8
14	7	22	0.072	0.241	0.075	38	14
12	19	25	0.091	0.261	0.075	48	20
10	19	23	0.112	0.281	0.075	63	32
8	19	21	0.142	0.340	0.085	96	51
6	37	21	0.187	0.393	0.085	135	79
4	61	22	0.236	0.447	0.085	193	125
2	133	23	0.298	0.510	0.085	282	201
1	133	22	0.334	0.588	0.105	361	251
1/0	133	21	0.374	0.633	0.105	439	316
2/0	133	20	0.421	0.680	0.105	535	404
3/0	1672	30	0.515	0.739	0.105	682	516
4/0	2109	30	0.565	0.838	0.105	833	653

Customer Service Group

1 Prestolite Drive

Paragould, Arkansas 72450

Phone: 800-952-3842 870-236-8141

Fax: 870-239-6139

Web: www.Prestolitewire.com

Email: bulkwiresales@prestolitewire.com

