

# Photovoltaic Wire

## Type PV

### 90°C Wet & Dry 2000 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  
 2000 Volts rated wire

**Applications**

Interconnection wiring of grounded and ungrounded photovoltaic power systems

<b>AWG size</b>	<b>Number of Strands</b>	<b>Strand Size (ga)</b>	<b>Nom Cond OD (In)</b>	<b>Nom OD (In)</b>	<b>Min Wall (In)</b>	<b>Approx. Net Weight (lbs/mft)</b>	<b>Approx. Cu (lbs/mft)</b>
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**

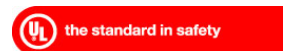
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