

# 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

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**

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