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## Titan Wire & Cable Spec Sheet

Type: PV Wire

UL Standard 4703

### Photovoltaic Cable

Single Conductor, insulated and jacketed, sunlight resistant, photovoltaic wire rated at 90°C wet or dry, 600V, 1000V or 2000V

TWC Part #	Size AWG	# of Strands	Insulation Thickness in Mils	Jacket Thickness	Nom Dia.	Approx. Weight
01-USE2-PV-14X-DJ-BLK	14	7/BC	.045	.030	.220	31
01-USE2-PV-12X-DJ-BLK	12	7/BC	.045	.030	.240	42
01-USE2-PV-10X-DJ-BLK	10	7/BC	.045	.030	.270	57
01-USE2-PV-8X-DJ-BLK	8	7/BC	.060	.030	.330	88
01-USE2-PV-6X-DJ-BLK	6	7/BC	.060	.030	.369	
01-USE2-PV-4X-DJ-BLK	4	7/BC	.060	.030	.417	
01-USE2-PV-2X-DJ-BLK	2	7/BC	.060	.030	.479	

These values are nominal in accordance with industry standards. Additional gauges, tinned copper or flexible stranding are available upon request.

Standard Color – Black (other colors available upon request)

Primary Voltage – 600/1000V

Temperature – 40°C to 90°C

**Construction:** Primary Insulation –

Single conductor cross-linked polyethylene Type USE-2, flame retardant, VW-1 moisture resistant, RoHS, sunlight resistant, temperature rating 90° wet or dry, -40°C cold. Suitable for conduit and raceways installed underground in conduit.

**Jacket:** Thermoplastic RoHS jacket, temperature rating 90°C, sunlight resistant, flame rated VW-1, low temperature -40°C, water resistant, crush resistant.

#### UL Standards

USE, USE-2 600V per UL854

RW-90 1000V Per UL44 CSA C 22.2 No 38

RHH, RHW, RHW-2 PER UL44

USE & USE-2 – Rated for direct burial and underground

Duct services per UL854

Titan Wire & Cable – Toll Free: 1-888-356-1662 – Local: 775-356-6600 – Fax: 775-356-6603  
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\*TWC specifications are not manufacturer specific & therefore generic in nature. Construction variations exist & you are encouraged to contact your sales representative with exacting requirements.