


# USA SOLAR CABLE

## TYPE USE-2 / TYPE PV / RW90

XLPE Insulation, RHH/RHW-2, 90°C UL 600 Volts/ C(UL) 1000V RW90

<p><b>APPLICATION:</b> USE-2/PV is a versatile single conductor cable designed to meet the different needs of the Solar Industry. Applications include connection to module junction boxes and required cable routing for balance of system (BOS) integration. Also wherever allowed by National Electric Code (NEC).</p> <p><b>CABLE MARKING:</b> USA SOLAR CABLE 800-880-9473 10AWG (UL) E322538 600V PV WIRE DIRECT BURIAL 90C WET OR DRY -40C VW-1 SUNLIGHT RESISTANT 600V USE-2 2000V RHH/RHW-2 C(UL) RW90 1000V FT1 (DATE)</p> <p><b>STANDARDS:</b></p> <ol style="list-style-type: none"> <li>1. UL listed as 600V Type USE-2</li> <li>2. UL Listed as 600V Type PV</li> <li>3. UL listed as RHW-2</li> <li>4. UL Standard 44/CSA C22.2 No. 38: Thermoset Insulated Wire &amp; Cables, Type RHW-2, UL VW-1, c(UL) RW-90</li> <li>5. UL Subject 4703: Outline of investigation for Photovoltaic Wire, Type PV</li> <li>6. UL Standard 854: Standard for Safety for Service Entrance Cables, Type USE-2</li> <li>7. ASTM B-3: Standard Specification for Soft or Annealed Copper Wire</li> <li>8. ASTM B-8: Standard Specification for Concentric Lay Stranded Copper Conductors, Hard, Medium-Hard or Soft</li> <li>9. 90°C Temperature Rating</li> <li>10. C(UL) listed as RW90 1000V</li> </ol> <p><b>CONSTRUCTION:</b> Stranded bare annealed copper conductor, XLPE thermosetting chemically crosslinked polyethylene insulation, surface printed.</p>						
USAWC Part #	Size AWG or kcmil	No. of Strands	Insulation Thickness Mils	Nom. Diam. Inches	Approx. Wt. lbs/1000 ft	
					Copper	Net
12-01USEPV	12	7	60	.218	20	37
10-01USEPV	10	7	60	.232	32	52
8-01USEPV	8	7	75	.299	50	82
6-01USEPV	6	7	75	.336	81	118
4-01USEPV	4	7	75	.383	129	173