


USA SOLAR CABLE

600 Volt Single Conductor Power Cable
EPR Insulation, Low Smoke Halogen Free Jacket
USE-2 RHW-2, UL VW-1

<p>DESCRIPTION: Single tinned copper conductor, stranded, insulated with a layer of non-halogenated Ethylene-Propylene Rubber (EPR) with an overall black jacket of low smoke, non-halogenated, flame retardant, oil, abrasion, chemical and sunlight resistant cross-linked compound meeting UL 44 and UL 854</p> <p>STANDARDS: UL 44 & UL 854 UL Listed as Sunlight Resistant Flame Resistance: UL VW-1 ASTM B-33, B-172 Suitable for continuous operating temperature of 90° C wet or dry</p>				 <p>*** TUV Pending</p>				
USAWC Part #	Size		Strand (no.)	Nominal Inner Layer Thickness (Inches)	Nominal Outer Layer Thickness (Inches)	Nominal Outer Diameter (Inches)	Copper Wt. lbs/1000 ft	Weight lbs/1000 ft
	AWG	mm						
14-01PVFLEXLS	14	-	19	0.045	0.030	.240	13	38
12-01PVFLEXLS	12	-	19	0.045	0.030	.258	20	48
10-01PVFLEXLS	10	-	37	0.045	0.030	.282	32	64
8-01PVFLEXLS	8	-	168	0.060	0.030	.331	50	95
6-01PVFLEXLS	6	-	61	0.060	0.030	.343	81	119
Metric Tinned Copper								
2.5-01PVFLEXLS	-	2.5	45	1.14 (mm)	.760 (mm)	6.22 (mm)	15.23	58 (kg/km)
4MM-01PVFLEXLS	-	4	52	1.14 (mm)	.760 (mm)	6.73 (mm)	24.37	76 (kg/km)
6MM-01PVFLEXLS	-	6	78	1.14 (mm)	.760 (mm)	7.26 (mm)	36.56	97 (kg/km)
NOTE: Cable diameters and weights are subject to +/- 5% manufacturing tolerance								