

Description

Sycor's Solar PV UL 4703 cable uses a single-conductor wire that is typically used to connect the panels of a photovoltaic electric energy system. The Solar PV UL 4703 cable is used for specific applications because of the cables high voltage rating of 2000 volts and its resistance to solar damage, moisture, flame, solvents, grease, chemicals and ozone.

Construction

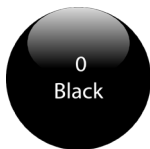
Soft Annealed Stranded Tinned Copper Conductor
 Cross-linked Polyethylene (XLPE) Insulation
 Paper Tape separator
 Sunlight-Resistant Polyvinylchloride (PVC) Non-integrally Jacket

Approvals

UL Type PV (overall) UL 4703
 CSA Type RW90
 UL RHW-2 600V Direct Burial
 UL 44



Colour Codes



Value Added Services



Cutting



Terminating

Temperature Rating

-40°C to 90°C

Application

Sycor's Solar PV UL 4703 is very durable for outside applications because of the cables sunlight, ozone, moisture and UV resistances. The Solar PV UL 4703 is used to connect the panels of a photovoltaic electric energy system and because the Solar PV cable has such a high degree of resistance, overall makes this cable a versatile choice for difficult outdoor applications.

Voltage Rating

CSA/UL 2000 Volts



Sycor Part No	AWG Size	No of Strands	Insulation Thickness	NOM O.D	Weight lbs/mft
A7K1407	14	7	0.075"	0.222"	32
A7K1207	12	7	0.075"	0.237"	41
A7K1007	10	7	0.075"	0.261"	57
A7K0807	8	7	0.075"	0.312"	86
A7K1419	14	19	0.075"	0.222"	32
A7K1219	12	19	0.075"	0.237"	41
A7K1019	10	19	0.075"	0.261"	57
A7K0819	8	19	0.085"	0.312"	86
A7K0619	6	19	0.085"	0.349"	121
A7K0419	4	19	0.085"	0.396"	176
A7K0219	2	19	0.085"	0.456"	261
A7K0119	1	19	0.105"	0.531"	338
A7K1/019	1/0	19	0.105"	0.570"	413
A7K2/019	2/0	19	0.105"	0.614"	506
A7K3/019	3/0	19	0.105"	0.664"	623
A7K4/019	4/0	19	0.105"	0.720"	769
A7K25037	250 MCM	37	0.120"	0.801"	880
A7K30037	300 MCM	37	0.120"	0.854"	1042
A7K35037	350 MCM	37	0.120"	0.904"	1205
A7K40037	400 MCM	37	0.120"	0.949"	1375
A7K50037	500 MCM	37	0.120"	1.033"	1700
A7K60061	600 MCM	61	0.135"	1.139"	2032
A7K75061	750 MCM	61	0.135"	1.241"	2515
A7K100061	1000 MCM	61	0.135"	1.390"	3335