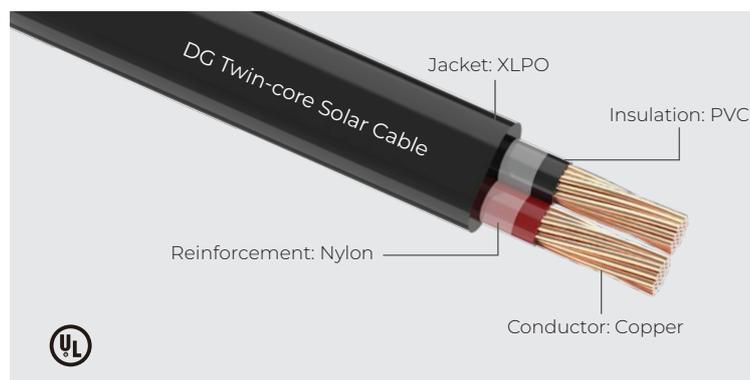


SUNKEAN

DG Twin-core Solar Cable



Advantage

-  UV resistant
-  Oil resistant
-  Direct burial
-  Flame test FT4, VW-1
-  More economical

Characteristics

- **Rated Voltage**
600V
- **Test Voltage**
2000V
- **Temperature Rating**
-40°C to +90°C
- **According to**
UL3003, UL83
- **Certificate Number**
E540388

Cable Structure

- **Conductor:** Multiple strands soft annealed copper wire
- **Insulation:** PVC
- **Reinforcement:** Nylon
- **Jacket:** PVC

Test Item

- **Flame Test** acc. to UL3003, Clause 15
- **Limited Smoke** acc. to UL3003, Clause 22
- **UV-resistant** acc. to UL3003, Clause 20
- **Impact Test** acc. to UL3003, Clause 23

Application

Distributed generation (DG) cable. The cable is intended for use with specific distributed generation equipment/devices such as photovoltaic modules, inverters, solar trackers, etc. DG Cable is suitable for use between cable trays and utilization.

Cross Section (AWG/ kcmil)	Conductor Stranded O.D. (mm)	Insulation Thickness (mm)	Jacket Thickness (mm)	Cable O.D. Ref. Range (mm)	Approximate Weight (kg/km)	Conductor Resistance Max (Ω/km, 20°C)
2x18	1.17	0.38	1.14	4.60X6.80	59.2	21.80
2x16	1.50	0.38	1.14	5.00X7.60	76.5	13.7
2x14	1.90	0.38	1.14	5.40X8.40	98.3	8.62
2x12	2.36	0.38	1.14	5.90X9.40	131.1	5.43
2x10	3.00	0.51	1.14	6.80X11.20	191.0	3.409

Note: Please refer to the above technical reference number for your reference, please check the technical section of our department for your request.