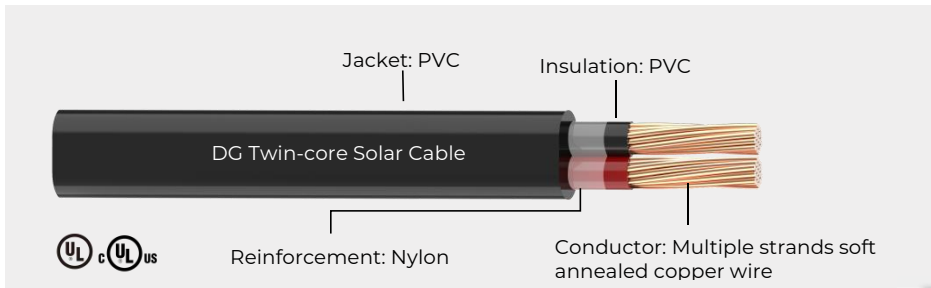


DG Twin-core Solar Cable



Advantage

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

Characteristics

- Temperature range
-40°C to +90°C
- Rated voltage
600V
- Test voltage:
2000V
- According to
UL 3033 / UL 44
- Certificate Number
E 540388

Cable Structure

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

Test Item

- UV-resistant acc. to UL 3003, Clause 20
- Flame retardant acc. to UL 3003, Clause 15
- Heat Shock Test acc. to UL 3003, Clause 22
- Impact Test acc. to UL 3003, 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)	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)
2×18	1.17	0.38	1.14	4.60×6.80	59.2	21.80
2×16	1.50	0.38	1.14	5.00×7.60	76.5	13.7
2×14	1.90	0.38	1.14	5.40×8.40	98.3	8.62
2×12	2.36	0.38	1.14	5.90×9.40	131.1	5.43
2×10	3.00	0.51	1.14	6.80×11.20	191.0	3.409