



Advantage

- Easy stripping and cutting
- High temperature
- UV resistance
- Ozone resistance
- UL VW-1 & CSA FT1 & FT2

Characteristics

- Temperature range
-40°C to +125°C
- Rated voltage
AC 2000 V
- Min. Bending Radius
Fixed installation 10x cable Ø
- According to
UL 758 / UL 1581
- Certificate Number
E 522621

Cable Structure

- Conductor: Solid or Stranded, tinned or bare copper (50AWG -2000 kcmil)
- Insulation: XLPO All colour

Test Item

- Flame retardant acc. to UL 1581 / CSA C22.2 No. 2556
- Environmental testing pass RoHS
- Uniform insulation thickness of wire to ensure easy stripping and cutting.

Application

Used for electrical internal system connection, inverter connection and energy storage battery pack connection, with high temperature resistance, UV resistance, acid and alkali resistance, soft and easy to bend and other advantages.

Cross Section (AWG)	Conductor Stranded O.D. (mm)	Insulation Thickness (mm)	Cable O.D. Ref. Range (mm)	Approximate Weight (kg/km)	Conductor Resistance Max.(Ω/km, 20°C)
24	0.6	0.76	2.20±0.15	6.9	94.20
22	0.8	0.76	2.40±0.15	8.5	59.40
20	0.9	0.76	2.60±0.15	10.8	36.70
18	1.2	0.76	2.80±0.15	14.2	23.20
16	1.5	0.76	3.10±0.15	20.0	14.60
14	1.9	0.76	3.50±0.15	28.2	8.960
12	2.4	0.76	4.00±0.15	41.0	5.640
10	3.0	0.76	4.70±0.15	61.7	3.546
8	4.0	1.14	6.50±0.30	102.9	2.230
6	5.1	1.14	7.50±0.30	152.9	1.403
4	6.4	1.14	9.00±0.50	229.9	0.882
2	8.2	1.14	10.70±0.50	356.0	0.5548
1	9.1	1.40	12.20±0.50	446.4	0.4398
1/0	10.3	1.40	13.50±0.50	553.1	0.3487
2/0	11.6	1.40	14.60±0.50	688.2	0.2766
3/0	13.1	1.40	16.30±0.50	854.1	0.2194
4/0	14.7	1.40	17.80±0.50	1067.2	0.1722