

UL3816



Advantage

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

Characteristics

- **Temperature Rating**
150°C
- **Rated Voltage**
3000V
- **Min. Bending Radius**
Fixed installation 10x cable Ø
- **According To**
UL758, UL1581
- **Certificate Number**
E522621

Cable Structure

- **Conductor:** Solid or Stranded, tinned or bare copper conductor
30AWG -2000 kcmil
- **Insulation:** XLPE All colour

Test Item

- **Uniform Insulation Thickness Of Wire To Ensure Easy Stripping And Cutting**
- **Environmental Testing Pass RoHS**
- **Passes UL VW-1 & CSA FT1 Vertical Flame Test**

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	7.1	94.20
22	0.8	0.76	2.40±0.15	8.7	59.40
20	0.9	0.76	2.60±0.15	11.0	36.70
18	1.2	0.76	2.80±0.15	14.5	23.20
16	1.5	0.76	3.10±0.15	20.3	14.60
14	1.9	0.76	3.50±0.15	28.6	8.960
12	2.4	0.76	4.00±0.15	41.4	5.640
10	3.0	0.76	4.70±0.15	62.2	3.546
8	4.0	1.14	6.50±0.30	103.9	2.230
6	5.1	1.14	7.50±0.30	154.0	1.403
4	6.4	1.14	9.00±0.50	231.3	0.882
2	8.2	1.52	11.50±0.50	377.9	0.5548
1	9.1	2.03	13.50±0.50	487.2	0.4398
1/0	10.3	2.03	14.70±0.80	597.8	0.3487
2/0	11.6	2.03	16.00±0.80	737.0	0.2766
3/0	13.1	2.03	17.50±0.80	907.8	0.2194
4/0	14.7	2.03	19.30±0.80	1126.4	0.1722

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