



### Advantage

- Easy stripping and cutting
- High flexibility
- Super soft
- Oil resistant
- Oxidation resistant
- UL VW-1 & CSA FTI
- More economical

### Characteristics

- **Temperature Rating**  
105°C
- **Rated Voltage**  
600V
- **Min. Bending Radius**  
Fixed installation 4x cable Ø
- **According To**  
UL758, UL1581
- **Certificate Number**  
E522621

### Cable Structure

- **Conductor:** Solid or Stranded, tinned or bare copper conductor 18-4/0AWG
- **Insulation:** SOFT PVC All colour

### Test Item

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

### Application

Products are widely used in general electronic, electrical equipment, energy storage battery pack, inverter, internal connection space narrow flexible cable,(Up to 60°C-80°C in oil)

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)
18	1.2	0.76	2.80±0.15	14.3	23.20
16	1.5	0.76	3.10±0.15	20.5	14.60
14	1.9	0.76	3.60±0.15	29.4	8.960
12	2.5	0.76	4.20±0.15	42.4	5.640
10	3.2	0.76	4.80±0.15	63.0	3.546
8	4.1	1.14	6.50±0.30	106.8	2.230
6	5.2	1.52	8.30±0.30	172.0	1.403
4	6.5	1.52	9.70±0.50	254.7	0.882
2	8.3	1.52	11.50±0.50	383.1	0.5548
1	9.2	2.03	13.50±0.50	495.6	0.4398
1/0	10.3	2.03	14.50±0.50	607.3	0.3487
2/0	11.6	2.03	15.80±0.50	748.1	0.2766
3/0	13.0	2.03	17.30±0.50	921.4	0.2194
4/0	14.6	2.03	19.00±0.50	1138.9	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.