



Advantage

- Easy stripping and cutting
- High flexibility
- Oil resistant
- Oxidation resistant
- UL VW-1 & CSA FT1

Characteristics

- Temperature range
+80°C, +90°C, +105°C
- Rated voltage
AC 1000 V
DC 1250 V
- Min. Bending Radius
Fixed installation 6x cable Ø
- According to
UL 758 / UL 1581
- Certificate Number
E 522621

Cable Structure

- Conductor: Solid or Stranded, tinned or bare copper (30AWG-2000kcmil)
- Insulation: PVC 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

Products are widely used in general electronics, electrical equipment, energy storage, internal connection lines, (used in oil can reach 60°C -80°C)

| 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 | 4.60±0.15 | 61.7 | 3.546 |
| 8 | 4.0 | 1.14 | 6.50±0.30 | 102.9 | 2.230 |
| 6 | 5.1 | 1.52 | 8.30±0.30 | 166.7 | 1.403 |
| 4 | 6.4 | 1.52 | 9.70±0.50 | 246.1 | 0.882 |
| 2 | 8.2 | 1.52 | 11.50±0.50 | 375.5 | 0.5548 |
| 1 | 9.1 | 2.03 | 13.50±0.50 | 483.5 | 0.4398 |
| 1/0 | 10.3 | 2.03 | 14.50±0.50 | 593.8 | 0.3487 |
| 2/0 | 11.6 | 2.03 | 15.80±0.50 | 732.5 | 0.2766 |
| 3/0 | 13.1 | 2.03 | 17.30±0.50 | 902.9 | 0.2194 |
| 4/0 | 14.7 | 2.03 | 19.00±0.50 | 1120.9 | 0.1722 |