

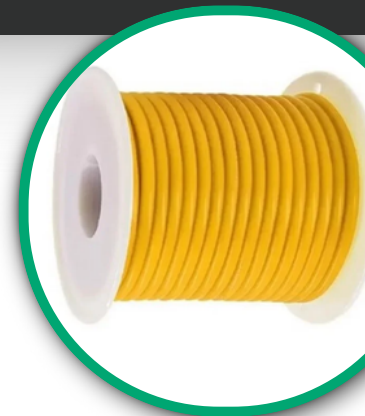
SC-AWG SILICONE WIRE SERIES

It is designed for reliable and stable power transmission in professional electrical and electronic applications. The cables feature flexible multi-stranded tinned copper conductors combined with durable silicone insulation for long-term performance. The insulation provides resistance to heat, oil, and harsh operating conditions while maintaining excellent flexibility. This product range is suitable for internal wiring, electrical equipment, and demanding industrial environments.



TECHNICAL DATA:

- ✓ **Conductor material:** Tinned copper
- ✓ **Conductor type:** Multi-stranded
- ✓ **Insulation material:** Silicone
- ✓ **Rated voltage:** 600V
- ✓ **Testing voltage:** 600V
- ✓ **Temperature range:** -60°C ~ 200°C
- ✓ **Colour:** red, black, blue, white, yellow, green
- ✓ **Flexibility:** High
- ✓ **Resistance to oil and heat:** Yes



| Size (AWG) | Section | Diameter | Over diameter | Ampere | Packing |
|----------------------|----------------------|----------|---------------|--------|---------|
| 95.5 mm ² | 95.5 mm ² | 12.73 mm | 18 mm | 955 A | 50 m |
| 1 AWG | 75 mm ² | 11.3 mm | 15.5 mm | 840 A | 50 m |
| 2 AWG | 50 mm ² | 9.24 mm | 14 mm | 630 A | 50 m |
| 3 AWG | 35 mm ² | 7.73 mm | 13 mm | 500 A | 50 m |
| 4 AWG | 25 mm ² | 6.53 mm | 11.5 mm | 400 A | 50 m |
| 5 AWG | 20.1 mm ² | 5.84 mm | 9.5 mm | 350 A | 100 m |
| 6 AWG | 16 mm ² | 5.23 mm | 8.5 mm | 300 A | 100 m |
| 7 AWG | 12 mm ² | 4.53 mm | 7.2 mm | 240 A | 100 m |
| 8 AWG | 8.3 mm ² | 3.75 mm | 6.3 mm | 190 A | 100 m |
| 9 AWG | 6.53 mm ² | 3.33 mm | 5.8 mm | 160 A | 100 m |
| 10 AWG | 5.3 mm ² | 3 mm | 5.45 mm | 140 A | 100 m |
| 11 AWG | 4 mm ² | 2.53 mm | 5 mm | 105 A | 100 m |
| 12 AWG | 3.5 mm ² | 2.41 mm | 4.5 mm | 88 A | 100 m |
| 13 AWG | 2.5 mm ² | 2.07 mm | 4 mm | 70 A | 100 m |

| Size (AWG) | Section | Diameter | Over diameter | Ampere | Packing |
|------------|-----------------------|----------|---------------|--------|---------|
| 14 AWG | 2 mm ² | 1.85 mm | 3.5 mm | 55 A | 200 m |
| 15 AWG | 1.5 mm ² | 1.6 mm | 3.2 mm | 42 A | 200 m |
| 16 AWG | 1.27 mm ² | 1.47 mm | 3 mm | 35 A | 200 m |
| 17 AWG | 1 mm ² | 1.33 mm | 2.7 mm | 30 A | 200 m |
| 18 AWG | 0.75 mm ² | 1.13 mm | 2.3 mm | 22 A | 200 m |
| 20 AWG | 0.5 mm ² | 0.92 mm | 1.8 mm | 13 A | 400 m |
| 22 AWG | 0.34 mm ² | 0.72 mm | 1.7 mm | 8 A | 400 m |
| 24 AWG | 0.25 mm ² | 0.58 mm | 1.6 mm | 5 A | 400 m |
| 26 AWG | 0.16 mm ² | 0.51 mm | 1.5 mm | 3.5 A | 400 m |
| 28 AWG | 0.08 mm ² | 0.37 mm | 1.2 mm | 1.25 A | 1500 m |
| 30 AWG | 0.055 mm ² | 0.31 mm | 0.8 mm | 0.8 A | 2500 m |