

UL 1569

PRODUCTS DESCRIPTION



1. Rated temperature: 80°C, 90°C, 105°C
2. Rated voltage: 300v
3. According to: UL subject 758, UL1581
4. Solid or Stranded, tinned or bare copper conductor 30-2AWG
5. PVC insulation.
6. Flame Retardancy: UL VW-1 & CSA FT1
7. Uniform insulation thickness of wire to ensure easy stripping and cutting.
8. RoHS Compliant
9. Internal wiring of appliances or electronic equipment where not subjected to movement or mechanical damage Tag may also indicate the following, "600 Volts Peak for Electronic Use Only."

| Item No. | Gauge (AWG) | Conductor Area (mm ²) | Conductor (mm) | conductor outer diameter (mm) | insulation thickness (mm) | wire O.D (mm) | Max Cond. resistance (Ω/km) |
|----------|-------------|-----------------------------------|----------------|-------------------------------|---------------------------|---------------|-----------------------------|
| 1 | 30 | 0.057 | 7X0.10 | 0.30 | 0.38 | 1.1 | 354 |
| 2 | 28 | 0.091 | 7X0.13 | 0.38 | 0.38 | 1.15 | 223 |
| 3 | 26 | 0.145 | 7X0.160 | 0.48 | 0.38 | 1.20 | 139.00 |
| 4 | 24 | 0.228 | 11X0.160 | 0.61 | 0.38 | 1.40 | 88.90 |
| 5 | 22 | 0.352 | 17X0.160 | 0.76 | 0.38 | 1.55 | 57.50 |
| 6 | 20 | 0.538 | 21X0.178 | 0.94 | 0.38 | 1.75 | 34.60 |
| 7 | 18 | 0.835 | 16X0.254 | 1.16 | 0.38 | 2.1 | 23.30 |
| 8 | 16 | 1.375 | 26X0.254 | 1.49 | 0.38 | 2.3 | 17.40 |
| 9 | 14 | 2.140 | 41X0.254 | 1.87 | 0.38 | 2.70 | 15.10 |
| 10 | 12 | 3.392 | 65X0.254 | 2.36 | 0.38 | 3.20 | 9.20 |
| 11 | 10 | 5.644 | 105X0.254 | 3.00 | 0.38 | 4.25 | 5.40 |
| 12 | 8 | 8.924 | 119X0.300 | 4.25 | 0.76 | 6.00 | 4.10 |
| 13 | 6 | 14.299 | 266X0.254 | 5.41 | 0.76 | 7.20 | 2.42 |
| 14 | 4 | 22.578 | 420X0.254 | 6.80 | 0.76 | 8.60 | 0.937 |
| 15 | 2 | 35.462 | 26X0.400 | 8.56 | 0.76 | 10.30 | 0.595 |