



SYCOR
TECHNOLOGY INC.

CSA RW90

DESCRIPTION

RW90 is used in building and metering applications and is a single conductor wire. Insulation is a cross-linked polyethylene (XLP) for low temperature moisture resistance. For exposed wiring where exposed to weather with sunlight resistant insulation. Approved for use with ceiling fixtures.

TEMPERATURE: -40C to +90C

VOLTAGE: 600V

JACKETS: Standard colour-code, striping and dyeing available upon request.

| GAUGE | STRANDING | INSULATION THICKNESS | | NOMINAL O.D | WEIGHT | AMPACITY (DRY) |
|-------|-----------|----------------------|-------|-------------|---------|----------------|
| | | mm | in | in | lbs/kft | |
| 14 | Solid | 0.76 | 0.03 | 0.130 | 16 | 20 |
| 12 | Solid | 0.76 | 0.03 | 0.140 | 24 | 25 |
| 10 | Solid | 0.76 | 0.03 | 0.170 | 36 | 40 |
| 14 | 7 | 0.76 | 0.03 | 0.130 | 17 | 20 |
| 12 | 7 | 0.76 | 0.03 | 0.150 | 25 | 25 |
| 10 | 7 | 0.76 | 0.03 | 0.180 | 38 | 40 |
| 8 | 7 | 1.14 | 0.045 | 0.240 | 62 | 70 |
| 6 | 7 | 1.14 | 0.045 | 0.280 | 95 | 100 |
| 4 | 7 | 1.14 | 0.045 | 0.320 | 146 | 135 |
| 3 | 7 | 1.14 | 0.045 | 0.350 | 181 | 155 |
| 2 | 7 | 1.14 | 0.045 | 0.380 | 226 | 180 |
| 1 | 19 | 1.4 | 0.055 | 0.440 | 285 | 210 |
| 1/0 | 19 | 1.4 | 0.055 | 0.480 | 355 | 245 |
| 2/0 | 19 | 1.4 | 0.055 | 0.520 | 443 | 285 |
| 3/0 | 19 | 1.4 | 0.055 | 0.570 | 553 | 330 |
| 4/0 | 19 | 1.4 | 0.055 | 0.630 | 691 | 385 |
| 250 | 37 | 1.65 | 0.065 | 0.700 | 820 | 425 |
| 300 | 37 | 1.65 | 0.065 | 0.750 | 977 | 480 |
| 350 | 37 | 1.65 | 0.065 | 0.800 | 1136 | 530 |
| 400 | 37 | 1.65 | 0.065 | 0.850 | 1293 | 575 |
| 500 | 37 | 1.65 | 0.065 | 0.930 | 1604 | 660 |

** Available in other constructions upon request!

Sycor Technology Inc. Advance Wire and Cable Division

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