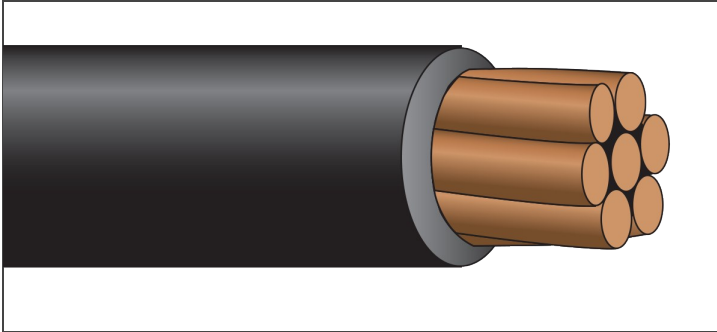


SINGLE CONDUCTOR



SERVICEPRO-X®

RWU90

1,000 Volt Copper

No Pulling Lubricant Required



Description:

Single copper conductor, stranded and insulated with moisture and heat resistant, chemically crosslinked polyethylene. ServicePRO-X® Insulation—No Pulling Lubricant Required (#6 AWG and larger).

Application:

Suitable for wiring in raceways, conduit, etc. Applications include general purpose wiring for power distribution, services, feeders, branch circuit wiring in residential, industrial, and commercial buildings and in photovoltaic systems. Suitable for use in 105°C dry systems. Also suitable for use in low leakage circuits requiring a dielectric constant of 3.5 or less (*Hospital Grade*). Suitable for use in photovoltaic systems up to 2kV.

Standards:

ASTM Standards: B-3 (*soft or annealed*), B-8 (*concentric lay stranded*), B787 (*combination strand*)

UL 44

C(UL)US RWU90 1kV: UL Listed/C(UL): Certified by UL for use in Canada, C(UL) RPVU90 1kV PV Systems

ICEA S-95-658/NEMA WC-70

Flame Rated: CT Use (*1/0 AWG and larger*)

Temperature Rated at 90°C Wet/Dry, Cold Temperature Rated at -40°C

Sunlight Resistant, Gasoline and Oil Resistant II

Direct Burial

RoHS Compliant

Part Number	Size (AWG or Kcmil)	Strand (no.)	Insulation Thickness (mils)	Nominal Diameter Overall (in.)	Approx. Net Weight (lb./1000')	Ampacity* 90°C Wet/Dry
RWU14BK	14	7	60	0.19	25	35†
RWU12BK	12	7	60	0.21	35	40†
RWU10BK	10	7	60	0.24	48	55†
RWU8BK	8	7	80	0.30	77	80
RWU6BK	6	7	85	0.35	117	105
RWU4BK	4	7	85	0.40	172	140
RWU3BK	3	7	85	0.42	209	165
RWU2BK	2	7	85	0.45	257	190
RWU1BK	1	19	105	0.53	329	220
RWU1/0BK	1/0	19	105	0.57	404	260
RWU2/0BK	2/0	19	105	0.61	498	300
RWU3/0BK	3/0	19	105	0.66	615	350
RWU4/0BK	4/0	19	105	0.72	762	405
RWU250BK	250	37	120	0.81	898	455
RWU300BK	300	37	120	0.87	1,062	500
RWU350BK	350	37	120	0.92	1,226	570
RWU400BK	400	37	120	0.96	1,387	615
RWU500BK	500	37	120	1.04	1,712	700
RWU600BK	600	61	135	1.16	2,056	780
RWU750BK	750	61	135	1.26	2,540	885

*Based on ambient temperature of 30°C per NEC Table 310.15 (B)(17). †The overcurrent protection for items marked with an obelisk (†) shall not exceed 15 amps for #14 AWG, 20 amps for #12 AWG, and 30 amps for #10 AWG per NEC 310-17 footnote. NOTE: The data shown is approximate and subject to standard industry tolerances.