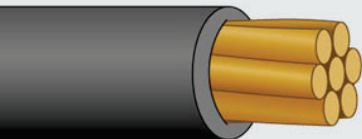


# RWU90



## APPLICABLE TESTS AND STANDARDS

- ✓ ASTM B-1, B-3, B-8, B-33 and B-174
- ✓ CSA C22.2
- ✓ UL 44
- ✓ ICEA S-95-658/NEMA WC70

## FEATURES

- ✓ 1000V RATED
- ✓ DIRECT BURIAL RATED
- ✓ -40°C TO 90°C MAX CONTINUOUS OPERATING TEMPERATURE IN WET OR DRY LOCATIONS

## PRINT LEGEND

- ✓ KRIS-TECH WIRE CO. #XX AWG XLPE TYPE RW90 OR RHW-2 2KV OR RWU90 1KV 90C WET OR DRY -40C C(UL) ROHS

## VALUE ADD SERVICE

- ✓ CUSTOM LENGTHS AND PUT-UPS
- ✓ 12 AVAILABLE COLORS
- ✓ WIRE PARALLELING AND CABLING
- ✓ WIRE STRIPING
- ✓ CUSTOM PRINT LEGENDS AND LABELS

## SCOPE

This XLPE-insulated single conductor wire is direct burial rated and can be used for underground service entrance applications. Other uses include general-purpose wiring for lighting, power distribution, feeders, and branch circuiting, or in specific low leakage circuits. RWU90 may be installed in raceways, conduit, and cable trays.

## CONSTRUCTION

**Conductors:** Single conductors are available in solid or stranded, annealed or hardened, tin coated or uncoated bare copper configuration.

**Insulation:** Conductors are insulated with a concentrically applied XLPE (crosslinked polyethylene) that is "Oil and Gasoline Resistant I" rated.

All black insulation is rated "Sunlight Resistant". All colored insulation is rated "Sunlight Resistant" in sizes #6 AWG and larger, and optional in sizes #8 AWG and smaller.

## IDENTIFICATION AND PACKAGING

Print legends on the wire shall include the manufacturer, conductor size, voltage rating, UL symbol (if applicable) and type designation. Standard length spools are 500 or 2500 feet.

AWG/MCM	Standard Number of Strands	Optional Stranding**	Insulation Thickness (Mils)	Nominal Overall Diameter (Inches)	Approx. Shipping Weight (Lbs/1000')	Ampacity @ 90°C*
14	1, 7	41	60	0.19 / 0.20	28	25
12	1, 7	65	60	0.20 / 0.21	37	30
10	1, 7	105	60	0.22 / 0.24	52	40
8	1, 7	19, 133	80	0.29 / 0.31	100	55
6	1, 7	19, 133	80	0.32 / 0.35	134	75
4	1, 7	19, 133	80	0.37 / 0.39	188	95
2	1, 7	19, 133	80	0.42 / 0.45	300	130
1	19	133	95	0.52	368	145
1/0	19	133	95	0.56	442	170
2/0	19	133	95	0.61	488	195
3/0	19	133	95	0.66	602	225
4/0	19	133	95	0.72	745	260

\* Ampacity is from NEC Article 310. Check with local codes authority for guidance with your application.

\*\*This stranding may require a Minimum Order Quantity, please contact Kris-Tech Sales for more information



**SNAP FOR MORE INFORMATION**