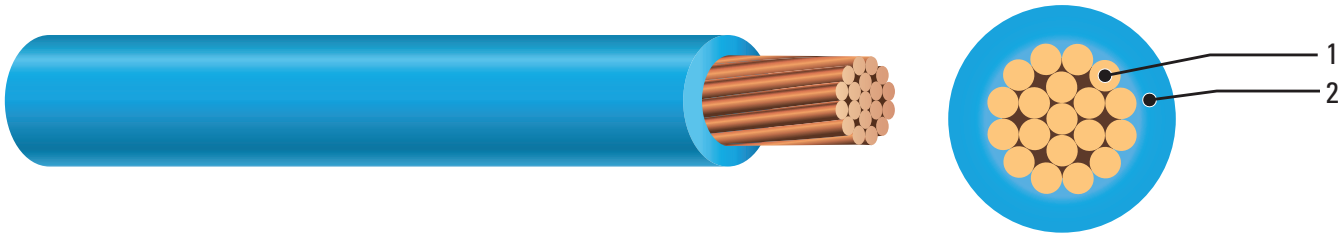


SIMpull® RWU90

Single Copper Conductor, 1000V, 90°C MAX - 40°C MIN, Sunlight Resistant, XLPE INSULATION

**CONSTRUCTION:**

Single copper conductor with extra thickness on the moisture resistant, low temperature, cross linked polyethylene insulation. Rated at 1000 volts. SIMpull® conductors are SR rated for sunlight resistance in all colors.

1. Copper Conductor
2. SIMpull® Jacket

CONDUCTOR COLOURS: ● ○ ● ● ●

- Standard colours are available in black, white, red, blue and green.

APPLICATIONS & FEATURES:

Southwire's SIMpull® RWU90 is designed for direct earth burial (with protection as required by the inspecting authority). For service entrance above or below ground. The minimum recommended installation temperature is minus 40°C (with suitable handling procedures). Maximum conductor temperature is 90°C. SIMpull® RWU90 conductors feature SIM Technology jackets which reduces the coefficient of friction, allowing cables to be installed without external lubricants, resulting in reduced labour and materials costs.

SPECIFICATIONS:

Southwire's SIMpull® RWU90 cables meet or exceed the following requirements:

- CSA Standard C22.2 No. 38 File Listing: LL90458
- Optional: CSA FT1 flame test rating
- Optional: CSA FT4 flame test rating and TC rating for 1/0 AWG and larger

SAMPLE PRINT LEGEND

SOUTHWIRE{R} SIMpull RWU90{TM} MASTER-DESIGN LL90458 {CSA} 2 AWG (33.625{mm²}) CU RWU90 XLPE 1000 VOLTS (-40{D}C) SR COVERED & MADE UNDER US PATENT NO 7411129 & 7557301 {MMM/DD/YYYY} OPERATOR NAME SEQUENTIAL METER MARKS SEQ METERS* Sequential marking on sizes 1/0 and larger only.



SPECIFICATIONS

Conductor		Insulation Thickness		Approx. Diameter		Approx. Weight		Allowable Ampacities (triplexed) Direct Buried (20°C ambient)**	Allowable Ampacity (Amps) 30°C Ambient in Conduit †		
Size (AWG or kcmil)	# of Strands	inches	mm	inches	mm	lb/1000ft	kg/km		90°C	60°C	75°C
8*	7	0.080	2.03	0.320	8.0	79	118	~	40	50	55
6*	7	0.080	2.03	0.350	8.8	111	165	~	55	65	75
4*	7	0.080	2.03	0.410	10.4	166	247	~	70	85	95
3	7	0.080	2.03	0.420	10.6	203	302	~	85	100	115
2*	7	0.080	2.03	0.440	11.3	249	371	~	95	115	130
1	19	0.095	2.41	0.512	13.2	310	462	~	110	130	145
1/0	19	0.095	2.41	0.552	13.9	383	570	262	125	150	170
2/0	19	0.095	2.41	0.595	15.0	474	705	298	145	175	195
3/0	19	0.095	2.41	0.644	16.2	587	874	337	165	200	225
4/0	19	0.095	2.41	0.700	17.6	730	1087	382	195	230	260
250	37	0.110	2.79	0.778	19.8	870	1295	418	215	255	290
350	37	0.110	2.79	0.881	22.4	1191	1772	500	260	310	350
500	37	0.110	2.79	1.010	25.6	1673	2490	602	320	380	430
600	61	0.125	3.17	1.116	28.4	2009	2989	658	350	420	475
750	61	0.125	3.17	1.218	30.9	2488	3702	731	400	475	535
1000	61	0.125	3.17	1.367	34.7	3283	4886	827	455	545	615

All Ampacities derived from the 2015 Canadian Electrical Code Part I

* Standard stock items. All other sizes are based on Minimum Order Quantities.

** Derived from Table D10A in Appendix D of the CE Code in Triplex cable formation as shown in Diagram D10 in Appendix D. Based on an ambient temperature of 20°C.

† Derived from Table 2 of the CE Code for Cable in Conduit. Not more than 3 copper conductors in a raceway. Based on an ambient temperature of 30°C.

Please consult your Southwire Canada Sales Representative for non-stock items.