

RWU90 1000V INSULATED WIRE COPPER

- Description** Single copper conductor with extra thickness of low temperature moisture resisting Exelene* cross-linked polyethylene insulation.
CSA Spec C22.2 No. 38-M1986
- Temperature** -40°C to +90°C
- Jackets** Standard colours are available.
Standard Black #8 and larger is sunlight resistant and marked "Outdoor"; coloured insulation is NOT.
- Application** For direct earth burial (with protection as required by inspecting authority).**
For exposed wiring where exposed to weather with sunlight resistant insulation. For service entrance above or below ground.**



Product Code	Size	Insulation Thickness		Approximate Diameter		Aprox Weight Copper Cond		Ampacity (30°C Ambient) Copper (amps)	
		mm	inches	mm	inches	kg/km	lbs/mft	Free Air	Conduit #
280500	14 (7)	1.52	.060	4.9	.19	34	23	20	15
280600	12 (7)	1.52	.060	5.4	.21	48	32	25	20
280700	10 (7)	1.52	.060	6.0	.24	69	46	40	30
280800	8 (7)	2.03	.080	7.8	.31	112	76	70	45
280900	6 (7)	2.03	.080	8.8	.35	164	110	100	65
281000	4 (7)	2.03	.080	10.0	.39	243	164	135	85
281100	3 (7)	2.03	.080	10.6	.42	298	201	155	105
281200	2 (7)	2.03	.080	11.4	.45	367	247	180	120
281300	1 (19)	2.41	.095	13.2	.52	466	313	210	140
281400	1/0 (19)	2.41	.095	14.2	.56	575	386	245	155
281500	2/0 (19)	2.41	.095	15.3	.60	711	478	285	185***
281600	3/0 (19)	2.41	.095	16.6	.65	881	592	330	210
281700	4/0 (19)	2.41	.095	18.0	.71	1095	736	385	235
281800	250 (37)	2.79	.110	20.1	.79	1302	875	425	265
281900	300 (37)	2.79	.110	21.4	.84	1544	1038	480	295
282000	350 (37)	2.79	.110	22.7	.89	1787	1201	530	325
282100	400 (37)	2.79	.110	23.9	.94	2027	1362	575	345
282200	500 (37)	2.79	.110	26.0	1.02	2507	1685	660	395
282300	600 (61)	3.17	.125	28.7	1.13	3012	2024	740	455
282400	750 (61)	3.17	.125	31.3	1.23	3728	2505	845	500
282500	1000 (61)	3.17	.125	35.1	1.38	4917	3304	1000	585

Direct buried installations must comply with CE Code Rules 12-012 and 4-004.

***For 3-wire 120/240 and 120/208V residential services or sub-services, the allowable ampacity for #2/0 AWG copper shall be 200 amperes. In these cases, the 5% adjustment per C.E. Code Rule 8-106(1) cannot be applied.

Based on not more than 3 copper conductors in raceway or cable. For underground ampacities, see pages 38 and 39.