

SIMpull RW90

600 Volts.
90°C Max, - 40°C Min.
Sizes 8 and Larger are Sunlight Resistant.



APPLICATIONS

For open wiring and use in raceways (except cabletroughs and ventilated flexible cableways) in dry or wet locations. For open wiring exposed to the weather. Minimum recommended installation temperature minus 40°C (with suitable handling procedures). Maximum conductor temperature 90°C. Approved for use with ceiling fixtures.

SPECIFICATIONS

- Single copper conductor
- CSA Spec. C22.2, No. 38
- FT4 rating on 1/0 and larger by request. May be subject to minimum order.
- Sunlight resistant in colors
- File Listing: LL90458

CONSTRUCTION

Single copper conductor with low temperature, moisture resisting XLPE (cross linked polyethylene) insulation. Product is sunlight resistant and is marked "SR".

Simpull CU-RW90

SIZE AWG	STRAND	INSUL. THICKNESS		NOMINAL O.D.		AMPACITY		NET WEIGHT	
		(mm)	(in.)	(mm)	(in.)	OPEN	CONDUIT	kg/km	lbs/Mft
8	7	1.14	0.045	5.97	0.235	70	45	94	63
6	7	1.14	0.045	6.88	0.271	100	65	143	96
4	7	1.14	0.045	8.08	0.318	135	85	219	147
3	7	1.14	0.045	8.76	0.345	155	105	272	183
2	7	1.14	0.045	9.55	0.376	180	120	339	228
1	19	1.40	0.055	11.05	0.435	210	140	429	288
1/0	19	1.40	0.055	12.07	0.475	245	155	534	359
2/0	19	1.40	0.055	13.16	0.518	285	185**	665	447
3/0	19	1.40	0.055	14.40	0.567	330	210	830	558
4/0	19	1.40	0.055	15.82	0.623	385	235	1039	698
250	37	1.65	0.065	17.55	0.691	425	265	1231	827
300	37	1.65	0.065	18.9	0.744	480	295	1467	986
350	37	1.65	0.065	20.17	0.794	530	325	1704	1145
400	37	1.65	0.065	21.31	0.839	575	345	1939	1303
500	37	1.65	0.065	23.44	0.923	660	395	2412	1621
600	61	2.03	0.080	26.14	1.029	740	455	2901	1950
750	61	2.03	0.080	28.73	1.131	845	500	3607	2424
1000	61	2.03	0.080	35.51	1.28	1000	585	4778	3211

*Data shown for for all sizes rated 600 volts.

*Ampacities taken from CEC - Table 1 for open air and Table 2 for cable in conduit.

Allowable ampacities for not more than 3 copper conductors in raceway or cable (based on ambient temperature of 30°C)