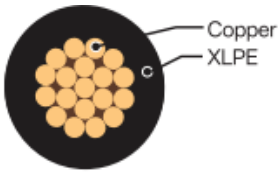
SOUTH CABLE

RW90 Copper Wire 600V XLPE Insulation Cable





APPLICATION

Copper RW90 is 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.

CHARACTERISTICS

Voltage Rating Uo/U (Um)
600V

Temperature Rating
-40°C to 90°C

STANDARDS

CSA C22.2 No. 38

THE CABLE TEST

We have world-class testing facility, and made rigorous testing regime, every meter of cable before leaving the factory must go through strict testing, testing qualified products will be shipped to customers, effectively ensure product quality and meet customer requirements.

SUSTAINABILITY COMMITMENT

South Cable actively implements the ‘carbon reduction’ goal, strives to promote the green‘s low-carbon transformation, strengthens energy-saving and emission reduction technology innovation, and promotes the company‘s healthy and sustainable development.

CONSTRUCTION

Conductor
Annealed Class B compressed solid or stranded soft drawn plain copper

Insulation
Cross-linked Polyethylene (XLPE)

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

CONTACT INFO:
Whatsapp:+86 138 4908 4504 Email:info@southcable.cn
SOUTH CABLE High-tech Zone, Zhengzhou City, Henan Province, China

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SPECIFICATIONS

Conductor		Insulation Thickness		Nominal O.D.		Approx. Weight		Allowable Ampacity** (Amps) Open Air		Allowable Ampacity** (Amps) Cable in Conduit	
Size (AWG or kcmil)	# of Strands	inches	mm	inches	mm	lbs/Mft	kg/km	Cond. Temp. 75 °C	Cond. Temp. 90 °C	Cond. Temp. 75 °C	Cond. Temp. 90 °C
14*	1	0.030	0.76	0.124	3.15	17	25	30	35	20	25
14*	7	0.030	0.76	0.131	3.33	17	25	30	35	20	25
12*	1	0.030	0.76	0.141	3.58	25	37	35	40	25	30
12*	7	0.030	0.76	0.148	3.76	25	37	35	40	25	30
10*	1	0.030	0.76	0.162	4.11	37	56	50	55	35	40
10*	7	0.030	0.76	0.173	4.39	38	57	50	55	35	40
8	7	0.045	1.14	0.235	5.97	63	94	70	80	50	55
6	7	0.045	1.14	0.271	6.88	96	143	95	105	65	75
4	7	0.045	1.14	0.318	8.08	147	219	125	140	85	95
3	7	0.045	1.14	0.345	8.76	183	272	145	165	100	115
2	7	0.045	1.14	0.376	9.55	228	339	170	190	115	130
1	19	0.055	1.40	0.435	11.05	288	429	195	220	130	145
1/0	19	0.055	1.40	0.475	12.07	359	534	230	260	150	170
2/0	19	0.055	1.40	0.518	13.16	447	665	265	300	175	195
3/0	19	0.055	1.40	0.567	14.40	558	830	310	350	200	225
4/0	19	0.055	1.40	0.623	15.82	698	1039	360	405	230	260
250	37	0.065	1.65	0.691	17.55	827	1231	405	455	255	290
300	37	0.065	1.65	0.744	18.90	986	1467	445	500	285	320
350	37	0.065	1.65	0.794	20.17	1145	1704	505	570	310	350
400	37	0.065	1.65	0.839	21.31	1303	1939	545	615	335	380
500	37	0.065	1.65	0.943	23.95	1621	2412	620	700	380	430
600	61	0.080	2.03	1.053	26.75	1950	2901	690	780	420	475
750	61	0.080	2.03	1.158	29.40	2424	3607	785	885	475	535
1000	61	0.080	2.03	1.312	33.32	3211	4778	935	1055	545	615

SOUTH CABLE

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.

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