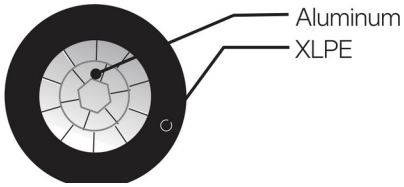
SOUTH CABLE

RW90 Aluminum Wire 600V XLPE Insulation Cable





APPLICATION

Aluminum RW90 is for open wiring used 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
Stranded AA-8000 Series Aluminum Alloy (ACM)

Insulation
Cross-linked Polyethylene (XLPE)

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

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CONTACT INFO:
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Address:
SOUTH CABLEHigh-tech Zone, Zhengzhou City,Henan Province, China

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SPECIFICATIONS

Conductor		Insulation Thickness		Nominal O.D.		Approx. Weight		ALLOWABLE AMPACITY(AMPS) 30°C AMBIENT - OPEN AIR			ALLOWABLE AMPACITY(AMPS) 30°C AMBIENT - CABLE IN CONDUIT		
Size (AWG or kcmil)	# of Strands	inches	mm	inches	mm	lbs/Mft	kg/km	60°C	75°C	90°C	60°C	75°C	90°C
6	7	0.045	114	0.259	6.58	37	55	65	75	85	40	50	55
4	7	0.045	114	0.303	7.70	55	82	85	100	115	55	65	75
2	7	0.045	114	0.358	9.09	82	122	115	135	150	75	90	100
1	8	0.055	140	0.409	10.39	104	155	130	155	175	85	100	115
1/0	10	0.055	140	0.446	11.33	128	190	150	180	205	100	120	135
2/0	12	0.055	140	0.486	12.34	157	234	175	210	235	115	135	150
3/0	16	0.055	140	0.533	13.54	193	287	200	240	270	130	155	175
4/0	19	0.055	140	0.585	14.86	239	356	235	280	315	150	180	205
250	22	0.065	1.65	0.650	16.51	286	426	265	315	355	170	205	230
300	35	0.065	1.65	0.703	17.86	339	504	295	350	395	195	230	260
350	35	0.065	1.65	0.749	19.03	397	582	330	395	445	210	250	280
400	35	0.065	1.65	0.792	20.12	442	658	355	425	480	225	270	305
500	35	0.065	1.65	0.869	22.07	544	809	405	485	545	260	310	350
600	58	0.080	2.03	0.976	24.79	663	987	455	545	615	285	340	385
750	58	0.080	2.03	1.071	27.20	816	1214	520	620	700	320	385	435
1000	58	0.080	2.03	1.223	31.06	1070	1592	630	750	845	375	445	500

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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