

DESCRIPTION

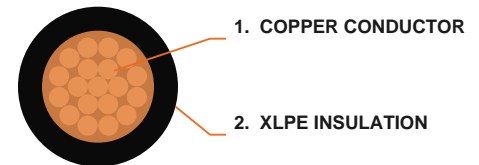
RW90 cables are of a single copper conductor construction with cross-linked polyethylene (XLPE) insulation. These cables are used for power distribution (600V) in both wet and dry locations. The product is RoHS compliant.

SUNLIGHT RESISTANCE

Black wires across all gauge sizes are UV resistant. 6 & 8 AWG cables are UV resistant across all colours. The products are indicated as such with "S/R" included in the markings.

APPLICATIONS

This product is for open wiring and use in raceways (except cable troughs and ventilated flexible cableways) in dry or wet locations. For open wiring exposed to the weather, S/R is required. Minimum recommended installation temperature -40°C, assuming suitable handling procedures. Maximum conductor temperature should not exceed 90°C.



COND SIZE	COND STRAND	NOMINAL Cu O.D.		MIN. AVG. INSUL.		NOMINAL OVERALL DIA.		APPROX. WEIGHT	
		inch	mm	inch	mm	inch	mm	lbs/1000ft	kg/km
14	1	0.064	1.63	0.030	0.76	0.124	3.16	16	24
14	7	0.072	1.84	0.030	0.76	0.132	3.37	17	25
12	1	0.080	2.05	0.030	0.76	0.140	3.58	24	36
12	7	0.091	2.32	0.030	0.76	0.151	3.85	25	37
10	1	0.101	2.58	0.030	0.76	0.162	4.13	37	55
10	7	0.115	2.93	0.030	0.76	0.175	4.46	39	58
8	7	0.145	3.70	0.045	1.14	0.235	5.99	64	94
6	7	0.183	4.66	0.045	1.14	0.273	6.95	97	143
4	7	0.232	5.89	0.045	1.14	0.322	8.18	148	219
3	7	0.260	6.61	0.045	1.14	0.350	8.89	184	272
2	7	0.282	7.16	0.045	1.14	0.379	9.63	228	339

PRINT / MARKINGS

##AWG #.##mm² RW90 XLPE LL49446 [S/R if applicable] (-40°C) 600V CSA
DD/MM/YY HH:MM ##AWG #.##mm²

