RW90 Copper 600V ElectroPower®

RW90 | FLAME RATING | LOW TEMP | HIGH TEMP | UV RESISTANT | WET LOCATION | CHEMICAL RESISTANT | OIL RESISTANT | IMPACT RESISTANT | EXPOSED WIRING | DIRECT BURIAL | TRAY CABLE

1 Conductor RW90 600V CSA FT4

1C

Part No.	Conductor Size	Cable O.D.		Cable Weight		Max Pulling Tension		Resistance at 25°C	Ampacity
	AWG/kcmil	in	mm	lbs/Mft	kg/km	lbs	kg	Ω/Mft	A
82008BB-PV4	8	0.314	7.98	89	133	151	69	0.627	55
82006BB-PV4	6	0.349	8.86	126	187	210	95	0.396	75
82004BB-PV4	4	0.405	10.29	184	274	334	151	0.249	95
82003BB-PV4	3	0.432	10.97	220	327	421	191	0.197	115
82002BB-PV4	2	0.463	11.76	271	404	531	241	0.156	130
82001BB-PV4	1	0.503	12.78	314	468	670	304	0.124	145
82001/0BB-PV4	1/0	0.538	13.67	416	619	844	383	0.0983	170
82002/0BB-PV4	2/0	0.577	14.66	478	712	1065	483	0.0779	195
82003/0BB-PV4	3/0	0.619	15.72	583	867	1343	609	0.0618	225
82004/0BB-PV4	4/0	0.685	17.40	759	1130	1692	767	0.0490	260
820250BB-PV4	250	0.760	19.30	895	1332	2000	907	0.0415	290
820350BB-PV4	350	0.915	23.24	1255	1868	2802	1271	0.0296	350
820500BB-PV4	500	1.032	26.21	1721	2561	3997	1813	0.0208	430
820600BB-PV4	600	1.103	28.02	2117	3151	4802	2178	0.0173	475
820750BB-PV4	750	1.288	32.72	2630	3914	6002	2722	0.0138	535
8201000BB-PV4	1000	1.442	36.63	3444	5125	7995	3627	0.0104	615

Ampacity values based on CEC Part I 2018, Table 2. Correction factors may apply. Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 230, Tray Cables (for 1/0 AWG and larger)
- CSA C22.2 No. 2556 FT4 Vertical-Tray Flame Test
- -40°C Cold Bend and -40°C Cold Impact
- SUN RES all colours, Low Acid Gas (AG14), Direct Burial (DIR BUR)

Applications

- For use in raceways (including cable tray if 1/0 AWG or larger) in wet and dry locations.
- To be used for exposed and concealed wiring or where subjected to the weather.
- For direct earth burial (with protection as required by inspection).
- For Hazardous Locations (if 1/0 AWG or larger) Class I-Div. 2, Class II-Div. 2 and Class III-Div. 2 as per CEC Part I J18-152, J18-254 and J18-354.

Conductor	Solid and Stranded Bare Soft Copper or Tinned conductors, ASTM B8, B3 and B33
Insulation	Cross-linked Polyethylene Insulation (XLPE) CSA Type XL 90°C dry/wet 600V
Jacket	Low Acid Gas (LAG) Polyvinyl Chloride (PVC)

ISO 9001 | RoHS COMPLIANT | REACH COMPLIANCE

Electro cables
Innovation in Connecting Technology