



## INDUSTRIAL CABLE SPECIFICATIONS RW90 FT4 TRAY RATED CABLE

- **SINGLE COPPER CONDUCTORS**
- **XLPE INSULATION**
- **SUNLIGHT RESISTANT**

### Conductor

- Class B - stranded copper

### Insulation

- XLPE Insulation

### Qualification Standards

- CSA C22.2 No. 38 - Thermoset-Insulated Wires and Cables
- CSA C22.2 No. 230 - Tray Cables
- All applicable ASTM Standards
- RoHS: Complies with EU Dir. 2011/65/EU (RoHS-2)

### Flame Test Ratings

- FT1 - Flame Test (1,706 BTU/Hr nominal - Vertical Wire Flame Test)
- FT4 - Flame Test (70,000 BTU/Hr - Vertical Tray Flame Test)

### Operating Temperatures

- -40°C - CSA Cold Bend and Impact Temperature
- -25°C - Min. Installation Temperature
- 90°C Dry / 90°C Wet

- **600 VOLTS OR 1000 VOLTS**
- **90°C MAX, -40°C MIN**
- **GASOLINE & OIL RESISTANT**

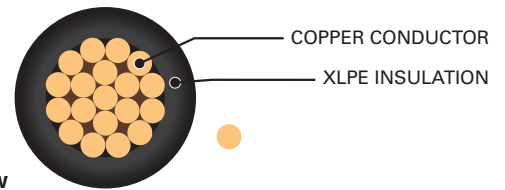
### Product Ratings

- CSA C22.2 No. 38 - RW90
- CSA C22.2 No. 230 - Tray Cable rated
- CSA C22.2 No. 2556 & No. 0.3 - Wire and Cable Test Methods
- CSA [-40°C]
- CSA FT4 - for Flame Retardancy rating
- CSA SUN RES - for Sunlight Resistant rating
- GRI/II - for Gasoline Resistant rating
- PRI/II - for Oil Resistant rating

### Colour Options

- Standard colour is black. Some sizes may be available in white, red, blue, yellow, brown or orange – contact your Southwire rep for details.

- Green Duraground™ also available - contact your Southwire rep



## SPECIFICATIONS

Stock Number*	Insulation Voltage	Conductor				Insulation Thickness		Diameter Over Insulation		Weight	
		Size AWG or kcmil	Strands / OD	Diameter (inches)	Diameter (mm)	Avg. inches	Avg. mm	Nominal (inches)	Nominal (mm)	Nominal (lbs/1000ft)	Nominal (kg/km)
–	1000	1/0	19 / 0.0746	0.336	8.53	0.080	2.03	0.510	12.95	392	583
–	1000	2/0	19 / 0.0837	0.376	9.55	0.080	2.03	0.550	13.97	474	705
–	1000	3/0	19 / 0.0940	0.423	10.74	0.080	2.03	0.597	15.16	586	873
–	1000	4/0	19 / 0.1055	0.475	12.07	0.080	2.03	0.650	16.51	729	1085
–	1000	250	37 / 0.0817	0.540	13.72	0.090	2.29	0.734	18.64	871	1296
–	1000	350	37 / 0.0966	0.659	16.74	0.090	2.29	0.853	21.67	1200	1786
–	1000	500	37 / 0.1154	0.784	19.91	0.090	2.29	0.978	24.84	1670	2485
–	1000	750	61 / 0.1109	0.968	24.59	0.090	2.29	1.178	29.92	2486	3700
–	1000	1000	61 / 0.1280	1.152	29.26	0.090	2.29	1.366	34.70	3337	4965
–	600	1/0	19 / 0.0746	0.336	8.53	0.055	1.40	0.460	11.68	371	552
–	600	2/0	19 / 0.0837	0.376	9.55	0.055	1.40	0.500	12.70	451	671
–	600	3/0	19 / 0.0940	0.423	10.74	0.055	1.40	0.547	13.89	561	835
–	600	4/0	19 / 0.1055	0.475	12.07	0.055	1.40	0.600	15.24	702	1045
–	600	250	37 / 0.0817	0.540	13.72	0.065	1.65	0.686	17.42	841	1251
–	600	350	37 / 0.0966	0.659	16.74	0.065	1.65	0.807	20.50	1167	1737
–	600	500	37 / 0.1154	0.784	19.91	0.065	1.65	0.936	23.77	1635	2433
–	600	750	61 / 0.1109	0.968	24.59	0.080	2.03	1.158	29.41	2466	3670
–	600	1000	61 / 0.1280	1.152	29.26	0.080	2.03	1.346	34.19	3313	4930

\* Please contact Southwire Sales Representative for details.