



## 14 AWG RW90 600V CSA FT4-ST1 TC-ER

14 AWG	Part No.	Conductor Count	Bonding Conductor	Insulation Thickness		Jacket Thickness		Cable O.D.		Cable Weight		Max Pulling Tension		Min Bend Radius		Ampacity
			AWG	in	mm	in	mm	in	mm	lbs/Mft	kg/km	lbs	kg	in	mm	
8201402BBG-ST1	2/C	14	0.030	0.8	0.045	1.1	0.372	9.5	87	129	68	31	3.4	85	25	
8201403BBG-ST1	3/C	14	0.030	0.8	0.045	1.1	0.392	10.0	107	160	102	46	3.5	90	25	
8201404BBG-ST1	4/C	14	0.030	0.8	0.045	1.1	0.427	10.8	130	193	137	62	3.8	98	20	
8201405BBG-ST1	5/C	14	0.030	0.8	0.045	1.1	0.465	11.8	154	229	171	77	4.2	106	20	
8201406BBG-ST1	6/C	14	0.030	0.8	0.045	1.1	0.481	12.2	175	260	205	93	4.3	110	20	
8201407BBG-ST1	7/C	14	0.030	0.8	0.045	1.1	0.504	12.8	197	292	239	108	4.5	115	17	
8201408BBG-ST1	8/C	14	0.030	0.8	0.060	1.5	0.574	14.6	236	352	273	124	5.2	131	17	
8201409BBG-ST1	9/C	14	0.030	0.8	0.060	1.5	0.594	15.1	258	384	307	139	5.3	136	17	
8201410BBG-ST1	10/C	14	0.030	0.8	0.060	1.5	0.619	15.7	281	417	342	155	5.6	141	17	
8201411BBG-ST1	11/C	14	0.030	0.8	0.060	1.5	0.641	16.3	303	450	376	170	5.8	147	17	
8201412BBG-ST1	12/C	14	0.030	0.8	0.060	1.5	0.664	16.9	325	483	410	186	6.0	152	17	
8201415BBG-ST1	15/C	14	0.030	0.8	0.060	1.5	0.739	18.8	392	584	512	232	6.7	169	17	
8201420BBG-ST1	20/C	14	0.030	0.8	0.080	2.0	0.878	22.3	536	797	683	310	7.9	201	17	
8201425BBG-ST1	25/C	14	0.030	0.8	0.080	2.0	0.970	24.7	648	964	854	387	8.7	222	15	
8201430BBG-ST1	30/C	14	0.030	0.8	0.080	2.0	1.025	26.0	754	1121	1025	465	9.2	234	15	
8201440BBG-ST1	40/C	14	0.030	0.8	0.080	2.0	1.146	29.1	970	1443	1367	620	10.3	262	15	
8201450BBG-ST1	50/C	14	0.030	0.8	0.080	2.0	1.270	32.3	1185	1763	1708	775	11.4	290	12	

Ampacity values based on CE Code Part I 2024, 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 Exposed Run (Type TC-ER)
- CSA C22.2 No. 2556 FT4-ST1/UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- NFPA 130 Smoke and Flame requirements.
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, Direct Burial, Low Acid Gas (AG14), Halogen-Free

**Conductor** Stranded Soft Copper, ASTM B8  
**Insulation** Cross-linked Polyethylene (XLPE)  
 CSA Type XL 105°C dry, 90°C wet 600V,  
 Halogen-Free

**Bonding** Stranded Soft Copper, ASTM B8, XLPE Insulated (Green)  
**Jacket** Thermoplastic Low Smoke Zero Halogen  
**Colour Code** 2C Black & White, 3C Black, Red & Blue, 4C Black, Red, Blue & White, 5C - 50C Black with White Numbers

### Applications

- For use in raceways, ventilated, non-ventilated and ladder-type cable trays.
- For dry, damp or wet locations, in ceiling air-handling plenums, direct burial, exposed and concealed wiring.
- For use in Hazardous locations: Zone 0 (intrinsically safe cables only), Zone 2, Zone 22 (per Section 18).
- Cables marked TC-ER tray cable are permitted for exposed runs as per CE Code Part I 12-2202 3) and 4).