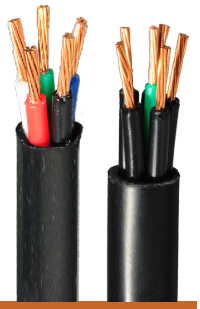
CIC

Copper 600V

ElectroControl®



CIC | FLAME RATING | LOW TEMP | HIGH TEMP | UV RESISTANT | WET LOCATION | CHEMICAL RESISTANT | OIL RESISTANT | IMPACT RESISTANT | EXPOSED RUN | DIRECT BURIAL | TRAY CABLE (TC) | HAZARDOUS LOCATION

14 AWG CIC 600V CSA FT4 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	A
6XNAUS14-2CG-PVE	2/C	14	0.030	0.8	0.045	1.1	0.377	9.586	86	129	102	46	3.4	86	25
6XNAUS14-3CG-PVE	3/C	14	0.030	0.8	0.045	1.1	0.412	10.458	108	161	137	62	3.7	94	25
6XNAUS14-4CG-PVE	4/C	14	0.030	0.8	0.045	1.1	0.45	11.43	132	196	171	78	4.1	103	20
6XNAUS14-5CG-PVE	5/C	14	0.030	0.8	0.045	1.1	0.466	11.832	152	226	205	93	4.2	107	20
6XNAUS14-6CG-PVE	6/C	14	0.030	0.8	0.045	1.1	0.49	12.436	173	258	239	108	4.4	112	20
6XNAUS14-7CG-PVE	7/C	14	0.030	0.8	0.06	1.5	0.559	14.204	212	315	273	124	5.0	128	17
6XNAUS14-8CG-PVE	8/C	14	0.030	0.8	0.06	1.5	0.579	14.707	233	347	307	139	5.2	132	17
6XNAUS14-9CG-PVE	9/C	14	0.030	0.8	0.06	1.5	0.604	15.344	255	379	342	155	5.4	138	17
6XNAUS14-10CG-PVE	10/C	14	0.030	0.8	0.06	1.5	0.627	15.914	277	412	376	171	5.6	143	17
6XNAUS14-11CG-PVE	11/C	14	0.030	0.8	0.06	1.5	0.649	16.484	298	444	410	186	5.8	148	17
6XNAUS14-12CG-PVE	12/C	14	0.030	0.8	0.06	1.5	0.683	17.355	321	478	444	201	6.1	156	17
6XNAUS14-15CG-PVE	15/C	14	0.030	0.8	0.06	1.5	0.744	18.898	385	573	547	248	6.7	170	17
6XNAUS14-20CG-PVE	20/C	14	0.030	0.8	0.08	2.0	0.863	21.925	522	777	717	325	7.8	197	17
6XNAUS14-25CG-PVE	25/C	14	0.030	0.8	0.08	2.0	0.956	24.272	631	939	888	403	8.6	219	15
6XNAUS14-30CG-PVE	30/C	14	0.030	0.8	0.08	2.0	1.028	26.116	737	1097	1059	480	9.3	235	15
6XNAUS14-40CG-PVE	40/C	14	0.030	0.8	0.08	2.0	1.152	29.268	945	1406	1401	635	10.4	263	15
6XNAUS14-50CG-PVE	50/C	14	0.030	0.8	0.08	2.0	1.251	31.783	1149	1709	1742	790	11.3	286	12

Ampacity values based on CE Code Part I 2021, Table 2. Correction factors may apply. Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 239, Control and instrumentation cables (Type CIC)
- CSA C22.2 No. 38, Thermoset-insulated wires and cables (Type RW90)
- CSA C22.2 No. 230, Tray Cables Extended Run
- CSA C22.2 No. 2556 FT4, IEEE 1202/UL 1685 Vertical-Tray Flame Test
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, SUN RES. Low Acid Gas, AG14.

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

Applications

- For wet and dry locations.
- For use in raceways, including cable trays, Ventilated, non-ventilated, ladder tray and direct burial.
- To be used for exposed and concealed wiring or where subjected to the weather.
- For Hazardous Locations Class I-Zone 0 Intrinsically safe Div. 2, Class II-Zone 2 Div. 2 and Class III-Div. 2.
- Cables marked TC-ER tray cable are permitted to transition between cable trays, and utilization equipment or devices as per CE Code Part I 12-2202 2) and 3).

RoHS COMPLIANT | REACH COMPLIANCE | Certified System Quality ISO 9001

161-R1 Made In Canada

CUSTOM ORDER OPTIONS

FT4 ST1 FLAME RATING | LIMITED SMOKE | HALOGEN FREE | TC ER TRAY CABLE

Electro cables