



12 AWG CIC 600V CSA FT4 TC-ER

12 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
	6XNAUS12-2CG-PVE	2/C	12	0.030	0.8	0.045	1.1	0.414	10.528	108	160	104	47	3.726	95	30
	6XNAUS12-3CG-PVE	3/C	12	0.030	0.8	0.045	1.1	0.437	11.104	137	204	156	71	3.933	100	30
	6XNAUS12-4CG-PVE	4/C	12	0.030	0.8	0.045	1.1	0.476	12.102	168	250	208	94	4.284	109	24
	6XNAUS12-5CG-PVE	5/C	12	0.030	0.8	0.06	1.5	0.55	13.978	218	325	260	118	4.95	126	24
	6XNAUS12-6CG-PVE	6/C	12	0.030	0.8	0.06	1.5	0.568	14.439	248	369	313	142	5.112	130	24
	6XNAUS12-7CG-PVE	7/C	12	0.030	0.8	0.06	1.5	0.596	15.13	279	416	365	166	5.364	136	21
	6XNAUS12-8CG-PVE	8/C	12	0.030	0.8	0.06	1.5	0.641	16.282	313	465	417	189	5.769	147	21
	6XNAUS12-9CG-PVE	9/C	12	0.030	0.8	0.06	1.5	0.664	16.858	343	511	469	213	5.976	152	21
	6XNAUS12-10CG-PVE	10/C	12	0.030	0.8	0.06	1.5	0.692	17.588	375	558	521	236	6.228	158	21
	6XNAUS12-11CG-PVE	11/C	12	0.030	0.8	0.06	1.5	0.718	18.241	406	604	573	260	6.462	164	21
	6XNAUS12-12CG-PVE	12/C	12	0.030	0.8	0.06	1.5	0.744	18.894	437	650	625	283	6.696	170	21
	6XNAUS12-15CG-PVE	15/C	12	0.030	0.8	0.08	2.0	0.87	22.099	565	840	781	354	7.83	199	21
	6XNAUS12-20CG-PVE	20/C	12	0.030	0.8	0.08	2.0	0.983	24.979	722	1075	1042	473	8.847	225	21
	6XNAUS12-25CG-PVE	25/C	12	0.030	0.8	0.08	2.0	1.089	27.668	879	1308	1302	591	9.801	249	18
	6XNAUS12-30CG-PVE	30/C	12	0.030	0.8	0.08	2.0	1.151	29.242	1028	1530	1563	709	10.359	263	18
	6XNAUS12-40CG-PVE	40/C	12	0.030	0.8	0.08	2.0	1.286	32.66	1328	1976	2084	945	11.574	294	18
	6XNAUS12-50CG-PVE	50/C	12	0.030	0.8	0.08	2.0	1.428	36.27	1629	2424	2605	1182	12.852	326	15

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).

