



12 AWG CIC 600V CSA FT4 TC

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	
	6XNAUS12-2CG-PV4	2/C	12		0.030	0.8	0.045	1.1	0.414	10.5	108	160	104	47	3.7	95	30
	6XNAUS12-3CG-PV4	3/C	12		0.030	0.8	0.045	1.1	0.437	11.1	137	204	156	71	3.9	100	30
	6XNAUS12-4CG-PV4	4/C	12		0.030	0.8	0.045	1.1	0.476	12.1	168	250	208	94	4.3	109	24
	6XNAUS12-5CG-PV4	5/C	12		0.030	0.8	0.060	1.5	0.550	14.0	218	325	260	118	5.0	126	24
	6XNAUS12-6CG-PV4	6/C	12		0.030	0.8	0.060	1.5	0.568	14.4	248	369	313	142	5.1	130	24
	6XNAUS12-7CG-PV4	7/C	12		0.030	0.8	0.060	1.5	0.596	15.1	279	416	365	166	5.4	136	21
	6XNAUS12-8CG-PV4	8/C	12		0.030	0.8	0.060	1.5	0.641	16.3	313	465	417	189	5.8	147	21
	6XNAUS12-9CG-PV4	9/C	12		0.030	0.8	0.060	1.5	0.664	16.9	343	511	469	213	6.0	152	21
	6XNAUS12-10CG-PV4	10/C	12		0.030	0.8	0.060	1.5	0.692	17.6	375	558	521	236	6.2	158	21
	6XNAUS12-11CG-PV4	11/C	12		0.030	0.8	0.060	1.5	0.718	18.2	406	604	573	260	6.5	164	21
	6XNAUS12-12CG-PV4	12/C	12		0.030	0.8	0.060	1.5	0.744	18.9	437	650	625	283	6.7	170	21
	6XNAUS12-15CG-PV4	15/C	12		0.030	0.8	0.080	2.0	0.870	22.1	565	840	781	354	7.8	199	21
	6XNAUS12-20CG-PV4	20/C	12		0.030	0.8	0.080	2.0	0.983	25.0	722	1075	1042	473	8.8	225	21
	6XNAUS12-25CG-PV4	25/C	12		0.030	0.8	0.080	2.0	1.089	27.7	879	1308	1302	591	9.8	249	18
	6XNAUS12-30CG-PV4	30/C	12		0.030	0.8	0.080	2.0	1.151	29.2	1028	1530	1563	709	10.4	263	18
	6XNAUS12-40CG-PV4	40/C	12		0.030	0.8	0.080	2.0	1.286	32.7	1328	1976	2084	945	11.6	294	18
	6XNAUS12-50CG-PV4	50/C	12		0.030	0.8	0.080	2.0	1.428	36.3	1629	2424	2605	1182	12.9	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 (Standard TC rated. TC-ER Optional)
- 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.

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).

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)

