



10 AWG CIC 600V CSA FT4 TC-ER

10 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	
	6XNAUS10-2CG-P4E	2/C	10	0.030	0.8	0.045	1.1	0.463	11.754	148	220	166	75	4.2	106	40
	6XNAUS10-3CG-P4E	3/C	10	0.030	0.8	0.045	1.1	0.489	12.417	191	284	249	113	4.4	112	40
	6XNAUS10-4CG-P4E	4/C	10	0.030	0.8	0.06	1.5	0.564	14.328	253	376	332	151	5.1	129	32
	6XNAUS10-5CG-P4E	5/C	10	0.030	0.8	0.06	1.5	0.615	15.61	304	452	415	188	5.5	141	32
	6XNAUS10-7CG-P4E	6/C	10	0.030	0.8	0.06	1.5	0.667	16.936	393	585	498	226	6.0	152	32
	6XNAUS10-8CG-P4E	7/C	10	0.030	0.8	0.06	1.5	0.719	18.262	441	657	581	264	6.5	164	28
	6XNAUS10-9CG-P4E	8/C	10	0.030	0.8	0.06	1.5	0.745	18.925	486	723	664	301	6.7	170	28
	6XNAUS10-10CG-P4E	9/C	10	0.030	0.8	0.06	1.5	0.778	19.764	532	791	747	339	7.0	178	28
	6XNAUS10-11CG-P4E	10/C	10	0.030	0.8	0.06	1.5	0.808	20.516	577	858	830	377	7.3	185	28
	6XNAUS10-6CG-P4E	11/C	10	0.030	0.8	0.06	1.5	0.635	16.14	348	518	913	414	5.7	145	28
	6XNAUS10-12CG-P4E	12/C	10	0.030	0.8	0.08	2.0	0.877	22.283	656	977	996	452	7.9	200	28
	6XNAUS10-15CG-P4E	15/C	10	0.030	0.8	0.08	2.0	0.976	24.802	797	1187	1245	565	8.8	223	28
	6XNAUS10-20CG-P4E	20/C	10	0.030	0.8	0.08	2.0	1.107	28.117	1026	1527	1660	753	10.0	253	28
	6XNAUS10-25CG-P4E	25/C	10	0.030	0.8	0.08	2.0	1.229	31.211	1254	1866	2075	941	11.1	281	24
	6XNAUS10-30CG-P4E	30/C	10	0.030	0.8	0.08	2.0	1.3	33.023	1473	2193	2490	1130	11.7	297	24
	6XNAUS10-40CG-P4E	40/C	10	0.030	0.8	0.08	2.0	1.455	36.956	1914	2848	3320	1506	13.1	333	24
	6XNAUS10-50CG-P4E	50/C	10	0.030	0.8	0.08	2.0	1.619	41.111	2356	3506	4150	1883	14.6	370	20

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. 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 Exposed Run (TC-ER)
- CSA C22.2 No. 2556 FT4, UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- -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 (XLPE)
CSA Type XL 90°C dry/wet 600V

Bonding Green Insulated Stranded Bare Soft Copper, ASTM B8

Jacket Low Acid Gas (LAG) Polyvinyl Chloride (PVC)

Colour Code Black, White, Red and Blue or
Black with White printed number

Applications

- For use in raceways, ventilated, non-ventilated and ladder-type cable trays.
- For dry, damp or wet locations, in ceiling air-handling plenums and direct burial.
- 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).