



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	A
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 Stranded Soft Copper, ASTM B8, XLPE Insulated (Green)

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

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 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).

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