



10 AWG CIC CONTROL 600V CSA FT4-ST1 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-NHT	2/C	12	0.030	0.8	0.045	1.1	0.459	11.7	148	220	166	75	4.1	105	40
	6XNAUS10-3CG-NHT	3/C	12	0.030	0.8	0.045	1.1	0.485	12.3	192	286	249	113	4.4	111	40
	6XNAUS10-4CG-NHT	4/C	12	0.030	0.8	0.06	1.5	0.561	14.2	254	378	332	151	5.0	128	32
	6XNAUS10-5CG-NHT	5/C	12	0.030	0.8	0.06	1.5	0.611	15.5	306	455	415	188	5.5	140	32
	6XNAUS10-7CG-NHT	6/C	12	0.030	0.8	0.06	1.5	0.632	16.0	351	522	498	226	5.7	144	32
	6XNAUS10-8CG-NHT	7/C	12	0.030	0.8	0.06	1.5	0.663	16.8	397	591	581	264	6.0	152	28
	6XNAUS10-9CG-NHT	8/C	12	0.030	0.8	0.06	1.5	0.715	18.2	446	663	664	301	6.4	164	28
	6XNAUS10-10CG-NHT	9/C	12	0.030	0.8	0.06	1.5	0.741	18.8	491	731	747	339	6.7	169	28
6XNAUS10-11CG-NHT	10/C	12	0.030	0.8	0.06	1.5	0.775	19.7	538	800	830	377	7.0	177	28	
6XNAUS10-6CG-NHT	11/C	12	0.030	0.8	0.06	1.5	0.804	20.4	584	869	913	414	7.2	184	28	
6XNAUS10-12CG-NHT	12/C	12	0.030	0.8	0.08	2.0	0.874	22.2	664	988	996	452	7.9	200	28	
6XNAUS10-15CG-NHT	15/C	12	0.030	0.8	0.08	2.0	0.973	24.7	807	1201	1245	565	8.8	222	28	
6XNAUS10-20CG-NHT	20/C	12	0.030	0.8	0.08	2.0	1.103	28.0	1040	1548	1660	753	9.9	252	28	
6XNAUS10-25CG-NHT	25/C	12	0.030	0.8	0.08	2.0	1.229	31.2	1275	1897	2075	941	11.1	281	24	
6XNAUS10-30CG-NHT	30/C	12	0.030	0.8	0.08	2.0	1.300	33.0	1499	2231	2490	1130	11.7	297	24	
6XNAUS10-40CG-NHT	40/C	12	0.030	0.8	0.08	2.0	1.455	37.0	1949	2900	3320	1506	13.1	333	24	
6XNAUS10-50CG-NHT	50/C	12	0.030	0.8	0.08	2.0	1.619	41.1	2400	3572	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 (Type TC-ER)
- CSA C22.2 No. 2556 FT4-ST1/UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- NFPA 130 Smoke and Flame requirements.
- -40°C Cold Bend and -40°C Cold Impact
- Sunlight Resistant, Direct Burial, Low Acid Gas (AG14), Halogen-Free

Conductor Stranded Soft Copper, ASTM B8
Insulation Cross-linked Polyethylene (XLPE)
 CSA Type XL 105°C dry, 90°C wet 600V,
 Halogen Free

Bonding Stranded Soft Copper, ASTM B8, XLPE Insulated (Green)
Jacket Thermoplastic Low Smoke Zero Halogen
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).