

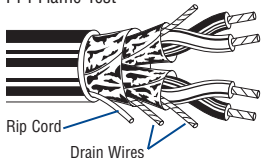
**CSA Instrumentation Cable**

600V CIC

Description	Part Number	No. of Pairs or Triads	Cable Weight		Jacket Thickness		Nominal OD	
			Lbs./1000 Ft.	kg/km	Inch	mm	Inch	mm

**18 AWG Pairs** Stranded (7x26) TC Conductors • Individual Beldfoil® + Polyester Isolation Tape • Overall Beldfoil Shield (100% Coverage)**PVC Insulation • Black PVC Jacket** (Color Code: Black and White with Numbers)

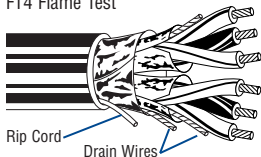
CSA C22.2#239, Type CIC	22417*	1	109	162	.045	1.14	.32	8.13
CSA C22.2#0.3, Clause 4.31 Low Acid Gas FT4 Flame Test	22405	2	229	341	.045	1.14	.51	12.95
	22404	4	374	557	.060	1.52	.63	16.00
	22418	8	632	941	.060	1.52	.79	20.07
	22421	12	970	1444	.080	2.03	1.00	25.40
	22419	24	1741	2591	.080	2.03	1.36	34.54



-25°C Installed  
-40°C to +105°C (Dry) (75°C Wet)

**18 AWG Triads** Stranded (7x26) TC Conductors • Individual Beldfoil + Polyester Isolation Tape • Overall Beldfoil Shield (100% Coverage)**PVC Insulation • Black PVC Jacket** (Color Code: Black, White and Red with Numbers)

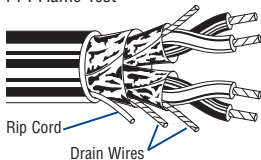
CSA C22.2#239, Type CIC	22442*	1	131	195	.045	1.14	.34	8.64
CSA C22.2#0.3, Clause 4.31 Low Acid Gas FT4 Flame Test	22443	2	299	445	.060	1.52	.58	14.73
	22444	4	476	708	.060	1.52	.68	17.27
	22445	8	893	1329	.080	2.03	.88	22.35



-25°C Installed  
-40°C to +105°C (Dry) (75°C Wet)

**16 AWG Pairs** Stranded (7x24) TC Conductors • Individual Beldfoil + Polyester Isolation Tape • Overall Beldfoil Shield (100% Coverage)**PVC Insulation • Black PVC Jacket** (Color Code: Black and White with Numbers)

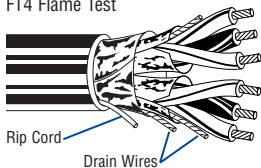
CSA C22.2#239, Type CIC	22416*	1	129	192	.045	1.14	.34	8.64
CSA C22.2#0.3, Clause 4.31 Low Acid Gas FT4 Flame Test	22409	2	229	341	.045	1.14	.59	14.99
	22410	4	469	698	.060	1.52	.68	17.27
	22446	6	667	993	.060	1.52	.79	20.07
	22411	8	841	1252	.080	2.03	.90	22.86
	22412	12	1235	1838	.080	2.03	1.09	27.69
	22447	24	2250	3349	.080	2.03	1.49	37.85



-25°C Installed  
-40°C to +105°C (Dry) (75°C Wet)

**16 AWG Triads** Stranded (7x24) TC Conductors • Individual Beldfoil + Polyester Isolation Tape • Overall Beldfoil Shield (100% Coverage)**PVC Insulation • Black PVC Jacket** (Color Code: Black, White and Red with Numbers)

CSA C22.2#239, Type CIC	22413*	1	167	249	.045	1.14	.36	9.14
CSA C22.2#0.3, Clause 4.31 Low Acid Gas FT4 Flame Test	22448	2	372	554	.045	1.14	.62	15.88
	22414	4	606	902	.060	1.52	.72	18.29
	22415	8	1144	1703	.080	2.03	.96	24.38



-25°C Installed  
-40°C to +105°C (Dry) (75°C Wet)

TC = Tinned Copper

\*One pair/triad cables have one foil shield and drain wire

## CSA Control and Power Cable

### 600V and 1000V TC/CIC Multi-conductor Cables

#### Cable Specifications

- CSA C22.2 #230 Type TC
- CSA C22.2 #239 Control and Instrumentation (600V only)
- CSA C22.2 #38 Type TC (1000V only)
- CSA FT4 70,000 BTU Flame Test
- 90°C Dry & Wet
- -40°C Cold Bend, -25°C Cold Impact
- -25°C Installation temp
- Per CEC Part 1, Suitable for use in hazardous locations:  
Class 1 — Zone 2  
Class 2 — Division 2
- Sunlight Resistant/UV Resistant
- Direct Burial

#### To Create a Part Number

Add suffix "S" for Overall Foil Shielding

#### Sample Part Number:

**21500S** = 600V CSA Tray Control Cable  
2-conductor, 14 AWG Bare Copper  
Conductor with XLPE Insulation,  
PVC Jacket, and Overall Foil Shield

#### Color Codes

No. of Conductors	Color Combination
2	Black & White
3	Black, Red & Blue
4	Black, Red, Blue & White
5 or more	Black & Number Coded

No. of Conductors	Part Numbers					
	14 AWG (7 Strand)		12 AWG (7 Strand)		10 AWG (7 Strand)	
	600V	1000V	600V	1000V	600V	1000V
2	21500	21300	21550	21350	21600	21400
3	21501	21301	21551	21351	21601	21401
4	21502	21302	21552	21352	21602	21402
5	21503	21303	21553	21353	21603	21403
6	21504	21304	21554	21354	21604	21404
7	21505	21305	21555	21355	21605	21405
8	21506	21306	21556	21356	21606	21406
9	21507	21307	21557	21357	21607	21407
10	21508	21308	21558	21358	21608	21408
11	21509	21309	21559	21359	21609	21409
12	21510	21310	21560	21360	21610	21410
13	21511	21311	21561	21361	21611	21411
14	21512	21312	21562	21362	21612	21412
15	21513	21313	21563	21363	21613	21413
16	21514	21314	21564	21364	21614	21414
17	21515	21315	21565	21365	21615	21415
18	21516	21316	21566	21366	21616	21416
19	21517	21317	21567	21367	21617	21417
20	21518	21318	21568	21368	21618	21418
21	21519	21319	21569	21369	21619	21419
22	21520	21320	21570	21370	21620	21420
23	21521	21321	21571	21371	21621	21421
24	21522	21322	21572	21372	21622	21422
25	21523	21323	21573	21373	21623	21423
26	21524	21324	21574	21374	21624	21424
27	21525	21325	21575	21375	21625	21425
28	21526	21326	21576	21376	21626	21426
29	21527	21327	21577	21377	21627	21427
30	21528	21328	21578	21378	21628	21428
31	21529	21329	21579	21379	21629	21429
32	21530	21330	21580	21380	21630	21430
33	21531	21331	21581	21381	21631	21431
34	21532	21332	21582	21382	21632	21432
35	21533	21333	21583	21383	21633	21433
36	21534	21334	21584	21384	21634	21434
37	21535	21335	21585	21385	21635	21435
38	21536	21336	21586	21386	21636	21436
39	21537	21337	21587	21387	21637	21437
40	21538	21338	21588	21388	21638	21438
41	21539	21339	21589	21389	21639	21439
42	21540	21340	21590	21390	21640	21440
43	21541	21341	21591	21391	21641	21441
44	21542	21342	21592	21392	21642	21442
45	21543	21343	21593	21393	21643	21443
46	21544	21344	21594	21394	21644	21444
47	21545	21345	21595	21395	21645	21445
48	21546	21346	21596	21396	21646	21446
49	21547	21347	21597	21397	21647	21447
50	21548	21348	21598	21398	21648	21448

No. of Cond.	Part Numbers									
	8 AWG (7 Strand)		6 AWG (7 Strand)		4 AWG (7 Strand)		3 AWG (7 Strand)		2 AWG (7 Strand)	
	600V	1000V	600V	1000V	600V	1000V	600V	1000V	600V	1000V
2	21650	21450	21653	21453	21656	21456	21659	21459	21662	21462
3	21651	21451	21654	21454	21657	21457	21660	21460	21663	21463
4	21652	21452	21655	21455	21658	21458	21661	21461	21664	21464

No. of Cond.	Part Numbers									
	1 AWG (19 Strand)		1/0 AWG (19 Strand)		2/0 AWG (19 Strand)		3/0 AWG (19 Strand)		4/0 AWG (19 Strand)	
	600V	1000V	600V	1000V	600V	1000V	600V	1000V	600V	1000V
2	21665	21465	21668	21468	21671	21471	21674	21474	21677	21477
3	21666	21466	21669	21469	21672	21472	21675	21475	21678	21478
4	21667	21467	21670	21470	21673	21473	21676	21476	21679	21479

## CSA Control Cable

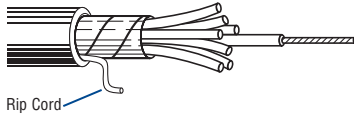
### 600V CIC Multi-conductor Cables

Description	Part Number	No. of Cond.	Cable Weight		Insulation Thickness		Jacket Thickness		Nominal OD	
			Lbs. / 1000 Ft.	kg/km	Inch	mm	Inch	mm	Inch	mm

#### 14 AWG Stranded (7x22) Bare Copper Conductors

##### Cross-linked Polyethylene Insulation • Black PVC Jacket (Color Code: Black and Numbered)

CSA C22.2#131, Type CIC	<b>22100</b>	2	62	92	.030	.76	.045	1.14	.367	9.32
CSA C22.2#0.3, Clause 4.31 Low Acid Gas FT4 Flame Test	<b>22101</b>	3	81	121	.030	.76	.045	1.14	.388	9.86
	<b>22102</b>	4	101	150	.030	.76	.045	1.14	.423	10.74
	<b>22103</b>	5	122	182	.030	.76	.045	1.14	.462	11.74
	<b>22104</b>	6	143	213	.030	.76	.045	1.14	.504	12.80
	<b>22105</b>	7	160	238	.030	.76	.045	1.14	.504	12.80
	<b>22106</b>	8	197	293	.030	.76	.060	1.52	.576	14.63
	<b>22107</b>	9	220	327	.030	.76	.060	1.52	.618	15.70
	<b>22108</b>	10	226	336	.030	.76	.060	1.52	.669	17.00
	<b>22110</b>	12	279	415	.030	.76	.060	1.52	.689	17.50
	<b>22114</b>	16	357	531	.030	.76	.060	1.52	.764	19.41
	<b>22118</b>	20	467	695	.030	.76	.080	2.03	.886	22.50

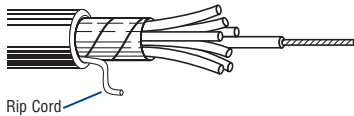


-25°C Installed  
-40°C to +90°C (Dry) (75°C Wet)

#### 12 AWG Stranded (7x20) Bare Copper Conductors

##### Cross-linked Polyethylene Insulation • Black PVC Jacket (Color Code: Black and Numbered)

CSA C22.2#131, Type CIC	<b>22120</b>	2	82	122	.030	.76	.045	1.14	.405	10.29
CSA C22.2#0.3, Clause 4.31 Low Acid Gas FT4 Flame Test	<b>22121</b>	3	109	162	.030	.76	.045	1.14	.429	10.90
	<b>22122</b>	4	140	208	.030	.76	.045	1.14	.469	11.91
	<b>22123</b>	5	170	253	.030	.76	.045	1.14	.515	13.08
	<b>22124</b>	6	214	319	.030	.76	.060	1.52	.591	15.01
	<b>22125</b>	7	240	357	.030	.76	.060	1.52	.591	15.01
	<b>22126</b>	8	270	402	.030	.76	.060	1.52	.639	16.23
	<b>22127</b>	9	302	449	.030	.76	.060	1.52	.687	17.45
	<b>22128</b>	10	336	500	.030	.76	.060	1.52	.745	18.92
	<b>22130</b>	12	390	580	.030	.76	.060	1.52	.768	19.51
	<b>22134</b>	16	584	869	.030	.76	.080	2.03	.893	22.68
	<b>22138</b>	20	655	975	.030	.76	.080	2.03	.992	25.20

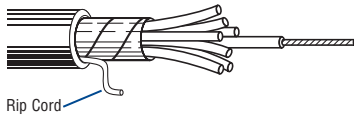


-25°C Installed  
-40°C to +90°C (Dry) (75°C Wet)

#### 10 AWG Stranded (7x18) Bare Copper Conductors

##### Cross-linked Polyethylene Insulation • Black PVC Jacket (Color Code: Black and Numbered)

CSA C22.2#131, Type CIC	<b>22140</b>	2	148	220	.030	.76	.045	1.14	.736	18.69
CSA C22.2#0.3, Clause 4.31 Low Acid Gas FT4 Flame Test	<b>22141</b>	3	189	281	.030	.76	.045	1.14	.763	19.38
	<b>22142</b>	4	248	369	.030	.76	.060	1.52	.839	21.31
	<b>22143</b>	5	293	436	.030	.76	.060	1.52	.891	22.63
	<b>22144</b>	6	338	503	.030	.76	.060	1.52	.944	23.98
	<b>22145</b>	7	378	563	.030	.76	.060	1.52	.944	23.98
	<b>22146</b>	8	424	631	.030	.76	.060	1.52	.999	25.38
	<b>22147</b>	9	469	698	.030	.76	.060	1.52	1.074	27.28
	<b>22148</b>	10	548	816	.030	.76	.080	2.03	1.182	30.02
	<b>22150</b>	12	631	939	.030	.76	.080	2.03	1.209	30.71
	<b>22152</b>	14	717	1067	.030	.76	.080	2.03	1.255	31.88
	<b>22154</b>	16	805	1198	.030	.76	.080	2.03	1.307	33.20



-25°C Installed  
-40°C to +90°C (Dry) (75°C Wet)

## CSA Control Cable

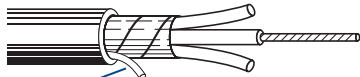
### 600V CIC Multi-conductor Cables

Description	Part Number	No. of Cond.	Cable Weight		Insulation Thickness		Jacket Thickness		Nominal OD	
			Lbs./1000 Ft.	kg/km	Inch	mm	Inch	mm	Inch	mm

#### 8 AWG Stranded (7x16) Bare Copper Conductors

##### Cross-linked Polyethylene Insulation • Black PVC Jacket (Color Code: Black and Numbered)

CSA C22.2#131, Type CIC	<b>22160</b>	2	240	357	.045	1.14	.060	1.52	.863	21.92
CSA C22.2#0.3, Clause 4.31 Low Acid Gas FT4 Flame Test	<b>22161</b>	3	308	458	.045	1.14	.060	1.52	.898	22.81
	<b>22162</b>	4	379	564	.045	1.14	.060	1.52	.957	24.31



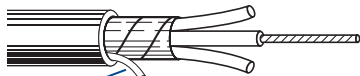
Rip Cord

-25°C Installed  
-40°C to +90°C (Dry) (75°C Wet)

#### 6 AWG Stranded (7x14) Bare Copper Conductors

##### Cross-linked Polyethylene Insulation • Black PVC Jacket (Color Code: Black and Numbered)

CSA C22.2#131, Type CIC	<b>22170</b>	2	279	415	.060	1.52	.060	1.52	.711	18.06
CSA C22.2#0.3, Clause 4.31 Low Acid Gas FT4 Flame Test	<b>22171</b>	3	383	570	.060	1.52	.060	1.52	.756	19.20



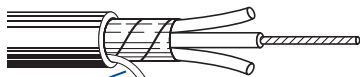
Rip Cord

-25°C Installed  
-40°C to +90°C (Dry) (75°C Wet)

#### 4 AWG Stranded (7x12) Bare Copper Conductors

##### Cross-linked Polyethylene Insulation • Black PVC Jacket (Color Code: Black and Numbered)

CSA C22.2#131, Type CIC	<b>22180</b>	2	390	580	.060	1.52	.060	1.52	.800	20.32
CSA C22.2#0.3, Clause 4.31 Low Acid Gas FT4 Flame Test	<b>22181</b>	3	580	863	.060	1.52	.080	2.03	.891	22.63



Rip Cord

-25°C Installed  
-40°C to +90°C (Dry) (75°C Wet)