

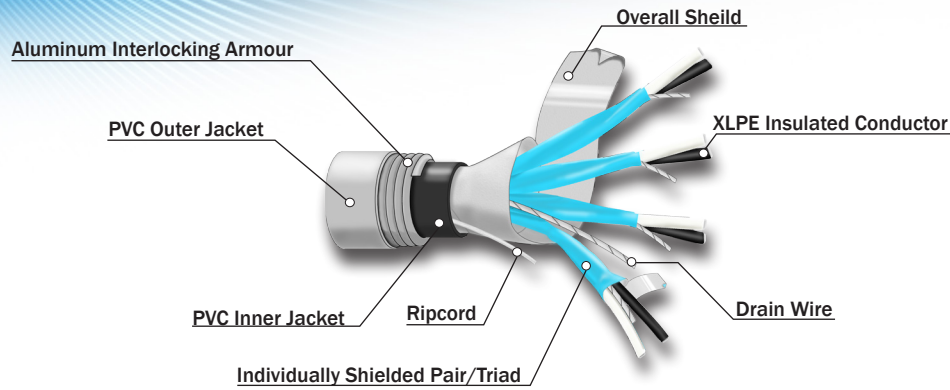
Armoured Instrumentation

16 AWG Multiconductor Individual & Overall Shields

SPECIFICATIONS

CSA C22.2 No. 239 & CSA C22.2 No. 174

CSA C22.2 NO. 38, CSA FT4 (Vertical Tray Flame Test)



CONSTRUCTION

- Conductor:** 7 strand tinned copper - Class B concentric
- Insulation:** Cross-linked polyethylene (XLPE) or Polyvinyl Chloride (PVC)
Thickness: 0.025 in (0.64 mm)
- Individual Shield:** Aluminum mylar tape shield with drain wire
- Inner Jacket:** Low-temperature (-40°C), flame and sunlight resistant Polyvinyl Chloride (PVC), Low Acid Gas (LAG), Black

- Armour:** Aluminum Interlocked Armour (AIA)
- Outer Jacket:** Low-temperature (-40°C), flame and sunlight resistant Polyvinyl Chloride (PVC), Low Acid Gas (LAG), Grey
- Voltage:** 300V
- Options:** Galvanized Steel Interlocked Armour (GSIA)
Various colours for outer jackets

PAIRS

Product No.	No. of Pairs	Nominal Diameters						Cable Weight Aluminum Armour		Minimum Bend Radius		Maximum Pulling Tension	
		Inner Jacket		Armour		Outer Jacket							
		inches	mm	inches	mm	inches	mm	lbs/mft	kg/km	inches	mm	lbs	kgs
91-1601	1	0.316	8.0	0.516	13.1	0.620	15.7	160	238	7.4	189	41	19
91-1602	2	0.371	9.4	0.571	14.5	0.676	17.2	209	311	8.1	206	83	37
91-1604	4	0.605	15.4	0.805	20.4	0.912	23.2	356	529	10.9	278	165	75
91-1606	6	0.721	18.3	0.921	23.4	1.029	26.1	453	674	12.3	314	248	112
91-1608	8	0.782	19.9	1.017	25.8	1.126	28.6	571	849	13.5	343	330	150
91-1612	12	0.989	25.1	1.224	31.1	1.335	33.9	798	1187	16.0	407	495	225
91-1616	16	1.095	27.8	1.330	33.8	1.442	36.6	956	1422	17.3	440	661	300
91-1624	24	1.313	33.4	1.548	39.3	1.682	42.7	1308	1946	20.2	513	991	449
91-1629	36	1.546	39.3	1.781	45.2	1.918	48.7	1976	2940	23.0	585	1486	674

TRIADS

Product No.	No. of Triads	Nominal Diameters						Cable Weight Aluminum Armour		Minimum Bend Radius		Maximum Pulling Tension	
		Inner Jacket		Armour		Outer Jacket							
		inches	mm	inches	mm	inches	mm	lbs/mft	kg/km	inches	mm	lbs	kgs
93-1601	1	0.333	8.5	0.533	13.5	0.638	16.2	178	265	7.7	194	62	28
93-1602	2	0.567	14.4	0.767	19.5	0.874	22.2	311	463	10.5	266	124	56
93-1604	4	0.657	16.7	0.857	21.8	0.964	24.5	423	629	11.6	294	248	112
93-1606	6	0.785	19.9	1.020	25.9	1.130	28.7	590	878	13.6	344	372	169
93-1608	8	0.893	22.7	1.128	28.7	1.239	31.5	741	1103	14.9	378	495	225
93-1612	12	1.079	27.4	1.314	33.4	1.426	36.2	983	1463	17.1	435	743	337
93-1616	16	1.197	30.4	1.432	36.4	1.565	39.8	1225	1822	18.8	477	991	449
93-1624	24	1.439	36.6	1.674	42.5	1.810	46.0	1658	2467	21.7	552	1486	674

FOR MORE INFORMATION

150 North Murray St.
Trenton, Ontario
(800) 263 . 3322
www.decacables.com



Armoured Instrumentation

18 AWG Multiconductor Individual & Overall Shields

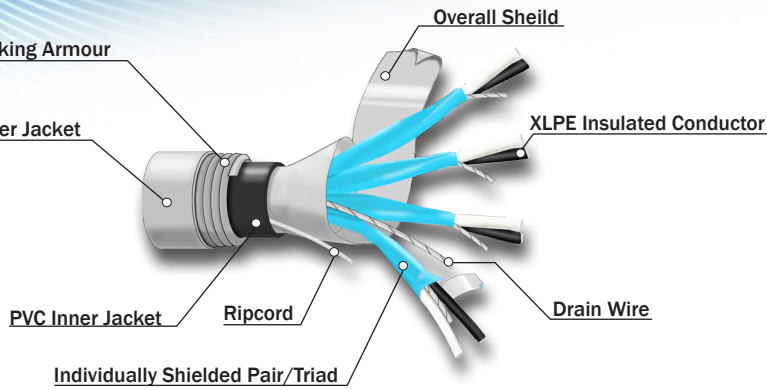
SPECIFICATIONS

CSA C22.2 No. 239 & CSA C22.2 No. 174

CSA C22.2 NO. 38, CSA FT4 (Vertical Tray Flame Test)

CONSTRUCTION

- Conductor:** 7 strand tinned copper - Class B concentric
- Insulation:** Cross-linked polyethylene (XLPE) or Polyvinyl Chloride (PVC)
Thickness: 0.025 in (0.64 mm)
- Individual Shield:** Aluminum mylar tape shield with drain wire
- Inner Jacket:** Low-temperature (-40°C), flame and sunlight resistant Polyvinyl Chloride (PVC), Low Acid Gas (LAG), Black



- Armour:** Aluminum Interlocked Armour (AIA)
- Outer Jacket:** Low-temperature (-40°C), flame and sunlight resistant Polyvinyl Chloride (PVC), Low Acid Gas (LAG), Grey
- Voltage:** 300V
- Options:** Galvanized Steel Interlocked Armour (GSIA)
Various colours for outer jackets

PAIRS

Product No.	No. of Pairs	Nominal Diameters						Cable Weight Aluminum Armour		Minimum Bend Radius		Maximum Pulling Tension	
		Inner Jacket		Armour		Outer Jacket							
		inches	mm	inches	mm	inches	mm	lbs/mft	kg/km	inches	mm	lbs	kgs
91-1801	1	0.296	7.5	0.496	12.6	0.600	15.2	147	218	7.2	183	28	13
91-1802	2	0.347	8.8	0.547	13.9	0.651	16.5	185	276	7.8	198	57	26
91-1804	4	0.555	14.1	0.755	19.2	0.861	21.9	307	457	10.3	262	113	51
91-1806	6	0.658	16.7	0.858	21.8	0.966	24.5	385	573	11.6	294	170	77
91-1808	8	0.713	18.1	0.913	23.2	1.021	25.9	446	663	12.3	311	227	103
91-1812	12	0.902	22.9	1.137	28.9	1.248	31.7	670	997	15.0	380	340	154
91-1816	16	0.997	25.3	1.232	31.3	1.344	34.1	794	1181	16.1	410	453	205
91-1824	24	1.192	30.3	1.427	36.2	1.561	39.6	1073	1597	18.7	476	680	308
91-1836	36	1.401	35.6	1.636	41.6	1.772	45.0	1416	2107	21.3	540	1019	462

TRIADS

Product No.	No. of Triads	Nominal Diameters						Cable Weight Aluminum Armour		Minimum Bend Radius		Maximum Pulling Tension	
		Inner Jacket		Armour		Outer Jacket							
		inches	mm	inches	mm	inches	mm	lbs/mft	kg/km	inches	mm	lbs	kgs
93-1801	1	0.311	7.9	0.511	13.0	0.616	15.6	161	239	7.4	188	42	19
93-1802	2	0.498	12.6	0.698	17.7	0.804	20.4	253	377	9.6	245	85	39
93-1804	4	0.610	15.5	0.810	20.6	0.917	23.3	363	540	11.0	280	170	77
93-1806	6	0.727	18.5	0.927	23.5	1.035	26.3	464	691	12.4	315	255	116
93-1808	8	0.788	20.0	1.023	26.0	1.132	28.8	586	872	13.6	345	340	154
93-1812	12	0.997	25.3	1.232	31.3	1.344	34.1	821	1222	16.1	410	510	231
93-1816	16	1.105	28.1	1.348	34.2	1.452	36.9	987	1468	17.4	443	680	308
93-1824	24	1.325	33.7	1.560	39.6	1.695	43.1	1354	2014	20.3	517	1019	462

FOR MORE INFORMATION

150 North Murray St.
Trenton, Ontario
(800) 263 . 3322
www.decacables.com



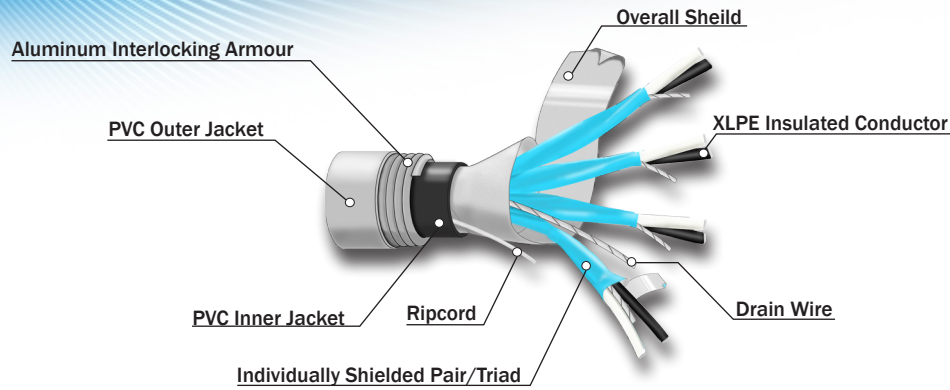
Armoured Instrumentation

20 AWG Multiconductor Individual & Overall Shields

SPECIFICATIONS

CSA C22.2 No. 239 & CSA C22.2 No. 174

CSA C22.2 NO. 38, CSA FT4 (Vertical Tray Flame Test)



CONSTRUCTION

- Conductor:** 7 strand tinned copper - Class B concentric
- Insulation:** Cross-linked polyethylene (XLPE) or Polyvinyl Chloride (PVC)
Thickness: 0.025 in (0.64 mm)
- Individual Shield:** Aluminum mylar tape shield with drain wire
- Inner Jacket:** Low-temperature (-40°C), flame and sunlight resistant Polyvinyl Chloride (PVC), Low Acid Gas (LAG), Black

- Armour:** Aluminum Interlocked Armour (AIA)
- Outer Jacket:** Low-temperature (-40°C), flame and sunlight resistant Polyvinyl Chloride (PVC), Low Acid Gas (LAG), Grey
- Voltage:** 300V
- Options:** Galvanized Steel Interlocked Armour (GSIA)
Various colours for outer jackets

PAIRS

Product No.	No. of Pairs	Nominal Diameters						Cable Weight Aluminum Armour		Minimum Bend Radius		Maximum Pulling Tension	
		Inner Jacket		Armour		Outer Jacket							
		inches	mm	inches	mm	inches	mm	lbs/mft	kg/km	inches	mm	lbs	kgs
91-2001	1	0.256	6.5	0.456	11.6	0.559	14.2	127	189	6.7	170	18	8
91-2002	2	0.298	7.6	0.498	12.6	0.602	15.3	156	232	7.2	183	36	16
91-2004	4	0.452	11.5	0.652	16.6	0.758	19.3	234	348	9.1	231	71	32
91-2006	6	0.569	14.5	0.769	19.5	0.875	22.2	313	465	10.5	267	107	48
91-2008	8	0.614	15.6	0.814	20.7	0.921	23.4	356	530	11.1	281	142	65
91-2012	12	0.738	18.7	0.938	23.8	1.046	26.6	456	678	12.6	319	213	97
91-2016	16	0.816	20.7	1.051	26.7	1.161	29.5	581	864	13.9	354	284	129
91-2024	24	1.018	25.9	1.253	31.8	1.365	34.7	805	1198	16.4	416	427	194
91-2036	36	1.192	30.3	1.427	36.2	1.560	39.6	1076	1601	18.7	475	640	290

TRIADS

Product No.	No. of Triads	Nominal Diameters						Cable Weight Aluminum Armour		Minimum Bend Radius		Maximum Pulling Tension	
		Inner Jacket		Armour		Outer Jacket							
		inches	mm	inches	mm	inches	mm	lbs/mft	kg/km	inches	mm	lbs	kgs
93-2001	1	0.268	6.8	0.468	11.9	0.572	14.5	136	203	6.9	174	27	12
93-2002	2	0.420	10.7	0.620	15.7	0.725	18.4	208	309	8.7	221	53	24
93-2004	4	0.485	12.3	0.685	17.4	0.791	20.1	267	398	9.5	241	107	48
93-2006	6	0.609	15.5	0.809	20.5	0.916	23.3	362	538	11.0	279	160	73
93-2008	8	0.659	16.7	0.859	21.8	0.966	24.5	418	622	11.6	294	213	97
93-2012	12	0.794	20.2	1.029	26.1	1.138	28.9	586	872	13.7	347	320	145
93-2016	16	0.920	23.4	1.155	29.3	1.266	32.2	744	1107	15.2	386	427	194
93-2024	24	1.097	27.9	1.332	33.8	1.445	36.7	978	1455	17.3	440	640	290

FOR MORE INFORMATION

150 North Murray St.
Trenton, Ontario
(800) 263 . 3322
www.decacables.com

