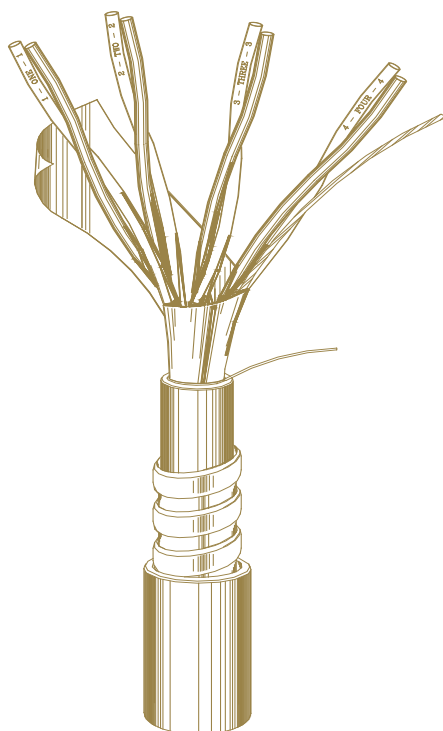




AVAILABLE IN: **PVC**
 XLPE

ARMoured INSTRUMENTATION: OS

APPLICATIONS:

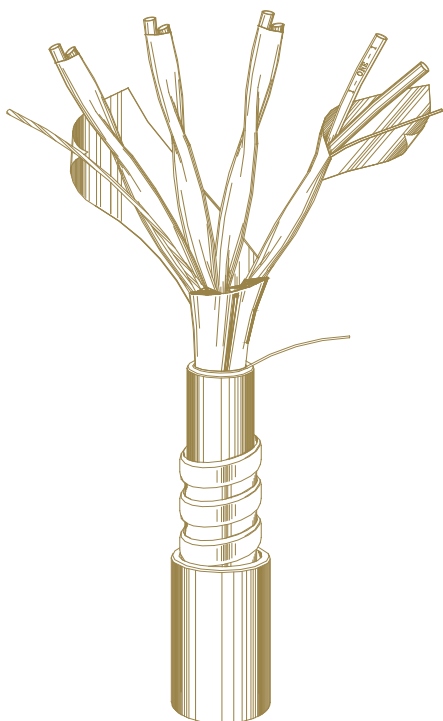
Overall shielded armoured instrumentation cable used to convey analogue or digital signals. Interlocked armour replaces the use of conduit for mechanical protection. Cable can be directly buried, installed in raceways, including cable tray in wet or dry environments. Cable is suitable for use outdoors in exposed industrial applications.

RATINGS:

CSA C22.2 NO. 239 CONTROL & INSTRUMENTATION CABLES (TYPE ACIC)
CSA C22.2 NO. 174 CABLES & CABLE GLANDS FOR USE IN HAZARDOUS LOCATIONS
CSA C22.2 NO. 75 THERMOPLASTIC INSULATED WIRES (PVC)
CSA C22.2 NO. 38 THERMOSET INSULATED WIRES & CABLES (XLPE)
PVC (TW75) RATED – 75°C WET / 105°C DRY
XLPE (RW90) RATED - 90°C WET / 105°C DRY
HL RATED FOR USE IN HAZARDOUS LOCATIONS:
CLASS I ZONE 0, 1 & 2
CLASS II DIVISION 1 & 2

NOTES:

PVC is most commonly specified for use. XLPE is used for applications where improved electrical properties, mechanical properties and wet resistance are important.



AVAILABLE IN: **PVC**
 XLPE

ARMoured INSTRUMENTATION: ISOS

APPLICATIONS:

Individual and overall shielded armoured instrumentation cable used to convey analogue or digital signals. Used when there is a possibility of crosstalk between pairs/triads. Interlocked armour replaces the use of conduit for mechanical protection. Cable can be directly buried, installed in raceways, including cable tray in wet or dry environments. Cable is suitable for use outdoors in exposed industrial applications.

RATINGS:

CSA C22.2 NO. 239 CONTROL & INSTRUMENTATION CABLES (TYPE ACIC)
CSA C22.2 NO. 174 CABLES & CABLE GLANDS FOR USE IN HAZARDOUS LOCATIONS
CSA C22.2 NO. 75 THERMOPLASTIC INSULATED WIRES (PVC)
CSA C22.2 NO. 38 THERMOSET INSULATED WIRES & CABLES (XLPE)
PVC (TW75) RATED – 75°C WET / 105°C DRY
XLPE (RW90) RATED - 90°C WET / 105°C DRY
HL "BCD" RATED FOR USE IN HAZARDOUS LOCATIONS:
CLASS I ZONE 0, 1 & 2
CLASS II DIVISION 1 & 2

NOTES:

PVC is most commonly specified for use. XLPE is used for applications where improved electrical properties, mechanical properties and wet resistance are important.

PVC Insulated Instrumentation: OS (CIC)

CSA Cables

Number of Pairs or Triads	Gauge	Voltage	Part Number	Jacket Thickness		OD		Weight		Min. Bend Radius		Max. Pulling Tension	
				MM	IN	MM	IN	LB/MFT	KG/KM	IN	MM	LB	KG
1 Pair	20 AWG	300V	63021M200110000	1.14	0.045	6.7	0.263	33	49	3.2	80	16	7
2 Pair	20 AWG	300V	63021M200210000	1.14	0.045	9.7	0.382	63	93	4.6	117	32	15
4 Pair	20 AWG	300V	63021M200410000	1.14	0.045	11.1	0.437	85	126	5.2	133	64	29
6 Pair	20 AWG	300V	63021M200610000	1.14	0.045	13.2	0.518	119	177	6.2	158	96	44
8 Pair	20 AWG	300V	63021M200810000	1.52	0.060	15.0	0.589	158	236	7.1	179	128	58
12 Pair	20 AWG	300V	63021M201210000	1.52	0.060	17.9	0.704	218	325	8.5	215	192	87
16 Pair	20 AWG	300V	63021M201610000	1.52	0.060	19.8	0.779	271	403	9.3	237	256	116
24 Pair	20 AWG	300V	63021M202410000	2.03	0.080	25.3	0.995	417	621	11.9	303	384	174
1 Triad	20 AWG	300V	63031M200110000	1.14	0.045	7.0	0.275	39	59	3.3	84	24	11
2 Triad	20 AWG	300V	63031M200210000	1.14	0.045	10.7	0.420	79	118	5.0	128	48	22
4 Triad	20 AWG	300V	63031M200410000	1.14	0.045	12.2	0.482	112	167	5.8	147	96	44
6 Triad	20 AWG	300V	63031M200610000	1.52	0.060	15.4	0.605	174	258	7.3	184	144	65
8 Triad	20 AWG	300V	63031M200810000	1.52	0.060	16.5	0.651	211	315	7.8	198	192	87
12 Triad	20 AWG	300V	63031M201210000	1.52	0.060	19.9	0.782	298	443	9.4	238	288	131
16 Triad	20 AWG	300V	63031M201610000	2.03	0.080	23.1	0.907	402	598	10.9	277	384	174
24 Triad	20 AWG	300V	63031M202410000	2.03	0.080	28.2	1.108	572	851	13.3	338	576	261
1 Pair	18 AWG	300V	63021M180110000	1.14	0.045	7.7	0.303	44	65	3.6	92	26	12
2 Pair	18 AWG	300V	63021M180210000	1.14	0.045	11.5	0.452	86	128	5.4	138	52	24
4 Pair	18 AWG	300V	63021M180410000	1.14	0.045	13.2	0.520	120	178	6.2	159	104	47
6 Pair	18 AWG	300V	63021M180610000	1.52	0.060	16.6	0.653	186	276	7.8	199	156	71
8 Pair	18 AWG	300V	63021M180810000	1.52	0.060	17.9	0.704	227	338	8.4	214	208	94
12 Pair	18 AWG	300V	63021M181210000	2.03	0.080	22.6	0.889	346	515	10.7	271	312	142
16 Pair	18 AWG	300V	63021M181610000	2.03	0.080	25.0	0.982	427	636	11.8	299	416	189
24 Pair	18 AWG	300V	63021M182410000	2.03	0.080	30.6	1.204	610	908	14.4	367	624	283
1 Triad	18 AWG	300V	63031M180110000	1.14	0.045	8.1	0.318	54	80	3.8	97	39	18
2 Triad	18 AWG	300V	63031M180210000	1.14	0.045	12.7	0.499	110	164	6.0	152	78	35
4 Triad	18 AWG	300V	63031M180410000	1.52	0.060	15.4	0.607	176	261	7.3	185	156	71
6 Triad	18 AWG	300V	63031M180610000	1.52	0.060	18.4	0.723	250	371	8.7	220	234	106
8 Triad	18 AWG	300V	63031M180810000	1.52	0.060	19.9	0.782	308	458	9.4	238	312	142
12 Triad	18 AWG	300V	63031M181210000	2.03	0.080	25.1	0.987	468	697	11.8	301	468	212
16 Triad	18 AWG	300V	63031M181610000	2.03	0.080	27.8	1.093	588	875	13.1	333	624	283
24 Triad	18 AWG	300V	63031M182410000	2.03	0.080	34.2	1.346	847	1,261	16.1	410	936	425
1 Pair	16 AWG	300V	63021M160110000	1.14	0.045	8.3	0.327	55	82	3.9	100	41	19
2 Pair	16 AWG	300V	63021M160210000	1.14	0.045	12.5	0.494	107	159	5.9	151	82	37
4 Pair	16 AWG	300V	63021M160410000	1.52	0.060	15.3	0.600	170	252	7.2	183	165	75
6 Pair	16 AWG	300V	63021M160610000	1.52	0.060	18.2	0.715	241	358	8.6	218	247	112
8 Pair	16 AWG	300V	63021M160810000	1.52	0.060	19.6	0.773	296	441	9.3	235	330	150
12 Pair	16 AWG	300V	63021M161210000	2.03	0.080	24.8	0.975	451	670	11.7	297	494	224
16 Pair	16 AWG	300V	63021M161610000	2.03	0.080	27.5	1.081	564	840	13.0	329	659	299
24 Pair	16 AWG	300V	63021M162410000	2.03	0.080	33.8	1.329	813	1,209	16.0	405	989	449
1 Triad	16 AWG	300V	63031M160110000	1.14	0.045	8.7	0.344	69	103	4.1	105	62	28
2 Triad	16 AWG	300V	63031M160210000	1.52	0.060	14.7	0.577	155	231	6.9	176	124	56
4 Triad	16 AWG	300V	63031M160410000	1.52	0.060	16.9	0.664	228	340	8.0	202	247	112
6 Triad	16 AWG	300V	63031M160610000	1.52	0.060	20.2	0.795	328	487	9.5	242	371	168
8 Triad	16 AWG	300V	63031M160810000	2.03	0.080	22.9	0.901	440	655	10.8	274	494	224
12 Triad	16 AWG	300V	63031M161210000	2.03	0.080	27.6	1.086	623	927	13.0	331	742	336
16 Triad	16 AWG	300V	63031M161610000	2.03	0.080	30.6	1.206	786	1,170	14.5	368	989	449
24 Triad	16 AWG	300V	63031M162410000	2.03	0.080	37.8	1.489	1,142	1,699	17.9	454	1,483	673