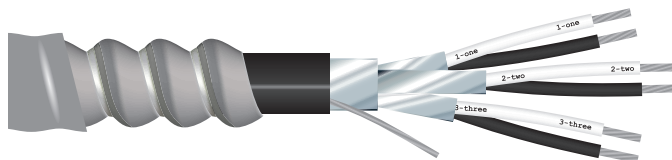


16 AWG 300V Instrumentation Cable

See attached Amoured Instrumentation Applications for Ratings and Cable Construction Details.

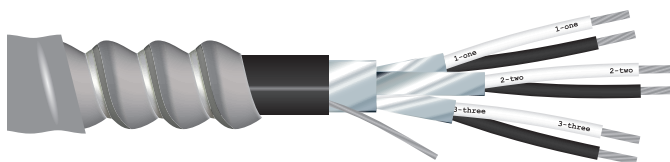


Product Code	AWG Size	# of Pairs or Triads	Shielding*	OD		Weight Aluminum		Weight Steel	
				In	mm	lb/mft	kg/km	lb/mft	kg/km
33H1601X	16	1 Pair	OS	0.62	15.8	175	260	280	417
33H1602X	16	2 Pair	SPOS	0.81	20.6	280	417	425	635
33H1604X	16	4 Pair	SPOS	0.93	23.6	395	588	570	848
33H1606X	16	6 Pair	SPOS	1.03	26.2	510	759	715	1064
33H1608X	16	8 Pair	SPOS	1.16	29.5	625	930	910	1354
33H1612X	16	12 Pair	SPOS	1.37	34.8	875	1302	1230	1831
33H1616X	16	16 Pair	SPOS	1.48	37.6	1054	1569	1445	2151
33H1624X	16	24 Pair	SPOS	1.75	44.5	1397	2079	1840	2738
33H1636X	16	36 Pair	SPOS	1.97	50	1920	2857	2460	3661
33K1601X	16	1 Triad	OS	0.63	16	190	282	295	439
33K1602X	16	2 Triad	STOS	0.9	22.9	342	508	500	744
33K1604X	16	4 Triad	STOS	0.95	24.1	450	670	640	953
33K1606X	16	6 Triad	STOS	1.19	30.2	650	967	928	1381
33K1608X	16	8 Triad	STOS	1.3	33	825	1228	1130	1682
33K1612X	16	12 Triad	STOS	1.5	38.1	1082	1610	1511	2249
33K1616X	16	16 Triad	STOS	1.64	41.7	1285	1912	1705	2537
33K1624X	16	24 Triad	STOS	1.95	49.5	1725	2567	2200	3274

*OS = Overall Shield, SPOS = Shielded Pair, Overall Shield, STOS = Shielded Triad, Overall Shield

16 AWG 600V Instrumentation Cable

See attached Amoured Instrumentation Applications for Ratings and Cable Construction Details.



Product Code	AWG Size	# of Pairs or Triads	Shielding*	OD		Weight Aluminum		Weight Steel	
				In	mm	lb/mft	kg/km	lb/mft	kg/km
33I1601X	16	1 Pair	OS	0.64	16.26	171	254	279	415
33I1602X	16	2 Pair	SPOS	0.89	22.61	299	445	455	677
33I1604X	16	4 Pair	SPOS	0.98	24.89	450	670	583	868
33I1608X	16	8 Pair	SPOS	1.27	32.26	679	1010	1005	1496
33L1601X	16	1 Triad	OS	0.66	16.76	195	290	309	460
33L1602X	16	2 Triad	STOS	0.94	23.88	339	505	465	692
33L1608X	16	8 Triad	STOS	1.33	33.78	807	1201	1250	1860

*OS = Overall Shield, SPOS = Shielded Pair, Overall Shield, STOS = Shielded Triad, Overall Shield

ewc03_instrum_01

Armoured Instrumentation Cable 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 ventilated, non-ventilated and ladder type cable trays in wet or dry environments. Cable is suitable for use outdoors in exposed industrial applications

Ratings

CSA C22.2 NO. 239 Control and instrumentation cables (Type ACIC)

CSA C22.2 NO. 174 Cable and cable glands for use in hazardous locations

CSA C22.2 NO. 75 Thermoplastic insulated wires (PVC)

CSA C22.2 NO. 38 Thermoset insulated wires and cables (XLPE)

PVC (TW75) Rated -75°C wet/105°C dry

XLPE (RW90) Rated -90°C wet/ 105° dry

HL Rated for use in hazardous locations:

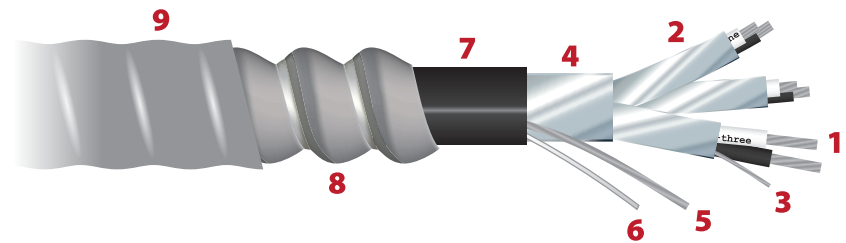
Class I Zone 0, 1, & 2

Class II Zone 1 & 2

Cable Construction

XLPE is used for applications where improved electrical properties, mechanical properties, and wet resistance are important.

This cable is also available with intrinsically safe blue outer jacket, suitable for installation in Class 1, Zone 0 Hazardous Locations.



- 1.** 7 Strand copper wire (bare or tinned) insulated white XLPE, 105°C (221°F) dry, 75°C (167°F) wet Conductor Colour Code: Pairs - Black and White; Triads - Black, White & Red
Multi-pair and multi-triad cables have black numbers coding printed on the white conductor
- 2.** Aluminum/polyester tape shield over individual pairs or triads
- 3.** 7 stranded tinned copper drain wire with each pair or triad
- 4.** Overall aluminum/polyester tape shield
- 5.** 7 stranded tinned copper
- 6.** Ripcord for jacket removal
- 7.** Black 90°C, -40°C (194°F, -40°F) Fire Retardant (FR) PVC Low Acid Gas (LAG) jacket
- 8.** Aluminum or galvanized steel interlocked armour
- 9.** Grey 90°C, -40°C (194°F, -40°F) Fire Retardant (FR) XPLE Low Acid Gas (LAG) jacket, sunlight resistant (other colours available upon request)

Note: The minimum bend radius is equal to 12 times the nominal OD