

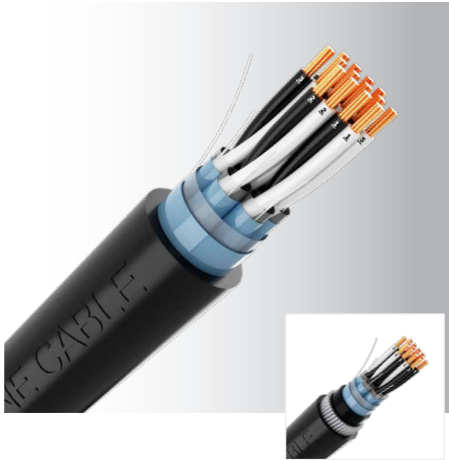
# LSZH Flame Retardant Instrumentation Cables

500V Pairs or Triads

XLPE Insulated, Individual & Overall Screen, Unarmoured & Armoured,  
LSZH Sheathed Cable

Description: CU/XLPE/ISOS/LSZH-AT-UV or CU/XLPE/ISOS/LSZH/SWA/LSZH-AT-UV

Model Code: XIOL-AT-UV or XIOLSL-AT-UV



Application :	This cable is intended for use in machineries, especially suitable for areas where fire would create dense smoke and toxic fumes, imposing major threat to lives and equipment.
Voltage rating :	500V
Construction :	Plain annealed copper (IEC 60228 Class 2), XLPE insulated, twisted pairs or triads, individual and overall screen (aluminium/polyester tape with tinned copper drain wire), unarmoured or galvanized steel wire armoured, anti-termite and UV resistant LSZH sheathed cable
Insulation colour :	Pairs : Black, White (with numbering) Triads : Red, Black, White (with numbering)
Sheath colour :	Black (other colour upon request) Blue (for intrinsically safe system upon request)
Specification :	BS EN 50288-7, IEC 60332-1-2, IEC 60332-3, IEC 60754, IEC 61034-2
Operating temperature :	90°C

No. of Pairs/Triads	Conductor		Insulation Thickness (mm)	Unarmoured Cable			Armoured Cable		
	Nominal Area (mm <sup>2</sup> )	No./Diam. of Strand (no./mm)		Part No.	Approx. Overall Diam. (mm)	Approx. Weight (kg/km)	Part No.	Approx. Overall Diam. (mm)	Approx. Weight (kg/km)
2P	0.5	7/0.31	0.6	<b>042P6053</b>	11.8	140	<b>042P6869</b>	16.9	455
4P				<b>044P6053</b>	13.7	200	<b>044P6869</b>	19.0	565
6P				<b>046P6053</b>	16.5	280	<b>046P6869</b>	21.7	710
8P				<b>048P6053</b>	18.7	360	<b>048P6869</b>	24.8	995
10P				<b>040P6053</b>	21.3	450	<b>040P6869</b>	27.3	1160
12P				<b>04BP6053</b>	22.1	500	<b>04BP6869</b>	28.3	1255
16P				<b>04FP6053</b>	24.6	625	<b>04FP6869</b>	30.4	1665
20P				<b>04KP6053</b>	27.2	760	<b>04KP6869</b>	34.3	1890
24P				<b>04RP6053</b>	30.3	915	<b>04RP6869</b>	37.4	2165
36P				<b>04P26053</b>	34.9	1275	<b>04P26869</b>	43.3	3045
2T				<b>042T6053</b>	12.9	175	<b>042T6869</b>	18.2	510
4T				<b>044T6053</b>	15.3	260	<b>044T6869</b>	20.7	655
6T				<b>046T6053</b>	18.4	360	<b>046T6869</b>	24.6	985
10T				<b>040T6053</b>	23.6	560	<b>040T6869</b>	29.8	1355
12T				<b>04BT6053</b>	24.6	640	<b>04BT6869</b>	31.5	1650
16T				<b>04FT6053</b>	27.4	795	<b>04FT6869</b>	34.3	1920
24T	<b>04RT6053</b>	34.0	1185	<b>04RT6869</b>	42.0	2895			

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No. of Pairs/Triads	Conductor		Insulation Thickness (mm)	Unarmoured Cable			Armoured Cable					
	Nominal Area (mm <sup>2</sup> )	No./Diam. of Strand (mm)		Part No.	Approx. Overall Diam. (mm)	Approx. Weight (kg/km)	Part No.	Approx. Overall Diam. (mm)	Approx. Weight (mm)			
2P	0.75	7/0.37	0.6	<b>052P6053</b>	12.5	165	<b>052P6869</b>	17.6	485			
4P				<b>054P6053</b>	14.6	240	<b>054P6869</b>	20.0	625			
6P				<b>056P6053</b>	17.7	335	<b>056P6869</b>	22.9	920			
8P				<b>058P6053</b>	19.9	415	<b>058P6869</b>	25.9	1075			
10P				<b>050P6053</b>	22.6	515	<b>050P6869</b>	28.8	1285			
12P				<b>05BP6053</b>	23.4	575	<b>05BP6869</b>	29.5	1370			
16P				<b>05FP6053</b>	26.1	730	<b>05FP6869</b>	33.2	1815			
20P				<b>05KP6053</b>	29.3	900	<b>05KP6869</b>	36.3	2105			
24P				<b>05RP6053</b>	32.4	1085	<b>05RP6869</b>	39.7	2430			
36P				<b>05P26053</b>	37.4	1515	<b>05P26869</b>	45.7	3400			
2T				<b>052T6053</b>	13.9	200	<b>052T6869</b>	19.3	570			
4T				<b>054T6053</b>	16.3	300	<b>054T6869</b>	21.5	720			
6T				<b>056T6053</b>	19.6	420	<b>056T6869</b>	25.7	1080			
10T				<b>050T6053</b>	25.3	665	<b>050T6869</b>	32.1	1710			
12T				<b>05BT6053</b>	26.2	750	<b>05BT6869</b>	33.3	1835			
16T				<b>05FT6053</b>	29.3	950	<b>05FT6869</b>	36.3	2163			
24T				<b>05RT6053</b>	36.4	1415	<b>05RT6869</b>	44.7	3250			
2P				1	7/0.43	0.6	<b>062P6053</b>	13.1	175	<b>062P6869</b>	18.3	520
4P							<b>064P6053</b>	15.5	270	<b>064P6869</b>	20.8	670
6P							<b>066P6053</b>	18.7	375	<b>066P6869</b>	24.8	1010
8P							<b>068P6053</b>	21.2	480	<b>068P6869</b>	27.2	1190
10P							<b>060P6053</b>	23.9	595	<b>060P6869</b>	30.1	1395
12P							<b>06BP6053</b>	24.9	670	<b>06BP6869</b>	31.7	1695
16P							<b>06FP6053</b>	27.7	855	<b>06FP6869</b>	34.8	2005
20P	<b>06KP6053</b>	31.1	1050				<b>06KP6869</b>	38.4	2360			
24P	<b>06RP6053</b>	34.6	1265				<b>06RP6869</b>	42.8	3025			
36P	<b>06P26053</b>	39.6	1755				<b>06P26869</b>	48.2	3765			
2T	<b>062T6053</b>	14.7	225				<b>062T6869</b>	20.1	615			
4T	<b>064T6053</b>	17.1	340				<b>064T6869</b>	23.1	920			
6T	<b>066T6053</b>	20.7	490				<b>066T6869</b>	27.0	1190			
10T	<b>060T6053</b>	26.7	775				<b>060T6869</b>	33.8	1875			
12T	<b>06BT6053</b>	27.9	895				<b>06BT6869</b>	35.0	2050			
16T	<b>06FT6053</b>	31.1	1145				<b>06FT6869</b>	38.5	2440			
24T	<b>06RT6053</b>	38.8	1690				<b>06RT6869</b>	47.1	3635			

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	Nominal Area (mm <sup>2</sup> )	No./Diam. of Strand (mm)		Part No.	Approx. Overall Diam. (mm)	Approx. Weight (kg/km)	Part No.	Approx. Overall Diam. (mm)	Approx. Weight (mm)			
2P	1.5	7/0.53	0.6	<b>072P6053</b>	14.4	215	<b>072P6869</b>	19.8	600			
4P				<b>074P6053</b>	17.1	330	<b>074P6869</b>	22.3	900			
6P				<b>076P6053</b>	20.6	470	<b>076P6869</b>	26.6	1160			
8P				<b>078P6053</b>	23.1	590	<b>078P6869</b>	29.2	1375			
10P				<b>070P6053</b>	26.4	740	<b>070P6869</b>	33.4	1840			
12P				<b>07BP6053</b>	27.4	845	<b>07BP6869</b>	34.4	1990			
16P				<b>07FP6053</b>	30.6	1085	<b>07FP6869</b>	37.7	2365			
20P				<b>07KP6053</b>	34.1	1325	<b>07KP6869</b>	42.5	3070			
24P				<b>07RP6053</b>	38.1	1600	<b>07RP6869</b>	46.5	3550			
36P				<b>07P26053</b>	43.9	2265	<b>07P26869</b>	53.6	4980			
2T				<b>072T6053</b>	16.1	275	<b>072T6869</b>	21.4	690			
4T				<b>074T6053</b>	18.9	430	<b>074T6869</b>	25.0	1065			
6T				<b>076T6053</b>	22.7	615	<b>076T6869</b>	29.0	1395			
10T				<b>070T6053</b>	29.4	1010	<b>070T6869</b>	36.5	2220			
12T				<b>07BT6053</b>	30.7	1145	<b>07BT6869</b>	38.0	2430			
16T				<b>07FT6053</b>	34.2	1460	<b>07FT6869</b>	42.5	3195			
24T				<b>07RT6053</b>	42.6	2175	<b>07RT6869</b>	52.3	4360			
2P				2.5	7/0.67	0.7	<b>082P6053</b>	16.9	290	<b>082P6869</b>	22.3	860
4P							<b>084P6053</b>	20.0	455	<b>084P6869</b>	26.1	1130
6P							<b>086P6053</b>	24.1	650	<b>086P6869</b>	30.3	1470
8P	<b>088P6053</b>	27.3	835				<b>088P6869</b>	34.4	1975			
10P	<b>080P6053</b>	31.2	1045				<b>080P6869</b>	38.5	2355			
12P	<b>08BP6053</b>	32.2	1180				<b>08BP6869</b>	39.5	2530			
16P	<b>08FP6053</b>	36.2	1530				<b>08FP6869</b>	44.5	3355			
20P	<b>08KP6053</b>	40.4	1890				<b>08KP6869</b>	49.0	3960			
24P	<b>08RP6053</b>	45.0	2280				<b>08RP6869</b>	55.0	5075			
36P	<b>08P26053</b>	52.3	3250				<b>08P26869</b>	62.4	6510			
2T	<b>082T6053</b>	18.7	370				<b>082T6869</b>	25.0	1005			
4T	<b>084T6053</b>	22.1	605				<b>084T6869</b>	28.5	1355			
6T	<b>086T6053</b>	27.0	880				<b>086T6869</b>	34.2	2000			
10T	<b>080T6053</b>	34.8	1425				<b>080T6869</b>	43.3	3185			
12T	<b>08BT6053</b>	36.4	1640				<b>08BT6869</b>	44.7	3460			
16T	<b>08FT6053</b>	40.6	2105				<b>08FT6869</b>	49.1	4170			
24T	<b>08RT6053</b>	50.8	3165				<b>08RT6869</b>	61.0	6325			

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