

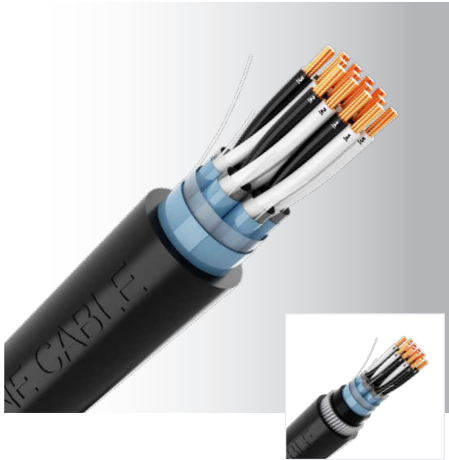
LSZH Flame Retardant Instrumentation Cables

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

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

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

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