

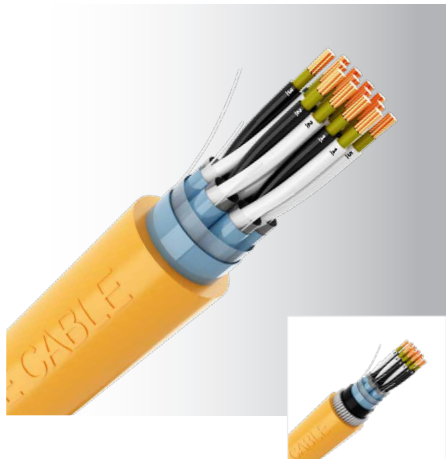
LSZH Fire Resistant Instrumentation Cables

500V Pairs or Triads

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

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

Model Code: MXIOL-AT-UV or MXIOLSL-AT-UV



Application :	This cable is intended for use in manufacturing and processing application for emergency services such as fire detection, fire alarm, and PA systems, where signal has to be assured in the event of a fire.
Voltage rating :	500V
Construction :	Plain annealed copper (IEC 60228 Class 2), mica tape fire barrier, XLPE insulated, 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 :	Orange (other colour upon request) Blue (for intrinsically safe system upon request)
Specification :	BS EN 50288-7, SS 299-1:1998, BS 6387, IEC 60331-21, 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. Overall Diam.	Approx. Weight	Part No.	Approx. Overall Diam.	Approx. Weight			
					(mm)	(kg/km)		(mm)	(kg/km)			
2P	0.5	7/0.31	0.6	042P4066	15.7	205	042P4179	20.6	605			
4P				044P4066	18.2	290	044P4179	24.0	890			
6P				046P4066	21.8	400	046P4179	27.6	1115			
8P				048P4066	24.7	505	048P4179	31.2	1500			
10P				040P4066	28.0	630	040P4179	34.6	1765			
12P				048P4066	28.9	700	048P4179	35.7	1870			
16P				04FP4066	32.2	880	04FP4179	39.0	2195			
20P				04KP4066	35.8	1070	04KP4179	43.7	2825			
24P				04RP4066	39.9	1290	04RP4179	47.7	3255			
36P				04P24066	46.1	1795	04P24179	55.4	4560			
2T							042T4066	17.4	245	042T4179	22.8	810
4T							044T4066	20.4	375	044T4179	26.1	1035
6T							046T4066	24.4	520	046T4179	30.4	1330
10T							040T4066	31.1	805	040T4179	37.9	2075
12T							04BT4066	34.0	985	04BT4179	39.3	2230
16T							04FT4066	35.9	1145	04FT4179	43.8	2925
24T	04RT4066	44.8	1700				04RT4179	53.9	4385			

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www.keystone-cable.com

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	Nominal Area (mm ²)	No./Diam. of Strand (mm)		Part No.	Approx. Overall Diam.	Approx. Weight	Part No.	Approx. Overall Diam.	Approx. Weight
					(mm)	(kg/km)		(mm)	(mm)
2P	0.75	7/0.37	0.6	052P4066	16.4	225	052P4179	21.3	640
4P				054P4066	19.2	330	054P4179	25.0	965
6P				056P4066	23.0	460	056P4179	28.7	1210
8P				058P4066	25.7	565	058P4179	32.4	1600
10P				050P4066	29.3	705	050P4179	36.2	1895
12P				05BP4066	30.2	790	05BP4179	37.0	2015
16P				05FP4066	33.8	1000	05FP4179	40.7	2390
20P				05KP4066	37.8	1230	05KP4179	45.7	3080
24P				05RP4066	42.1	1480	05RP4179	50.1	3565
36P				05P24066	48.6	2065	05P24179	57.8	4975
2T				052T4066	18.3	285	052T4179	24.1	890
4T				054T4066	21.3	415	054T4179	27.0	1110
6T				056T4066	25.5	600	056T4179	32.1	1610
10T				050T4066	32.9	930	050T4179	39.7	2255
12T				05BT4066	34.0	1045	05BT4179	41.0	2430
16T				05FT4066	37.9	1330	05FT4179	45.7	3195
24T				05RT4066	47.3	1965	05RT4179	56.5	4820
2P				1	7/0.43	0.6	062P4066	17.1	245
4P	064P4066	20.1	370				064P4179	25.8	1025
6P	066P4066	24.0	510				066P4179	29.9	1300
8P	068P4066	27.1	645				068P4179	33.6	1735
10P	060P4066	30.6	790				060P4179	37.4	2035
12P	06BP4066	31.8	900				06BP4179	38.6	2190
16P	06FP4066	35.5	1140				06FP4179	43.4	2890
20P	06KP4066	39.7	1405				06KP4179	47.7	3365
24P	06RP4066	44.2	1690				06RP4179	53.5	4350
36P	06P24066	50.8	2335				06P24179	60.3	5415
2T	062T4066	19.1	310				062T4179	24.8	935
4T	064T4066	22.2	460				064T4179	27.9	1195
6T	066T4066	26.8	670				066T4179	33.4	1745
10T	060T4066	34.3	1020				060T4179	41.4	2460
12T	06BT4066	35.6	1200				06BT4179	43.5	2950
16T	06FT4066	39.8	1520				06FT4179	47.9	3515
24T	06RT4066	49.7	2265				06RT4179	59.0	5260

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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 (mm)			
2P	1.5	7/0.53	0.6	072P4066	18.4	290	072P4179	24.2	900			
4P				074P4066	21.5	440	074P4179	27.3	1140			
6P				076P4066	25.8	615	076P4179	32.4	1665			
8P				078P4066	28.9	775	078P4179	35.8	1940			
10P				070P4066	32.9	960	070P4179	40.0	2310			
12P				07BP4066	34.3	1105	07BP4179	41.3	2510			
16P				07FP4066	38.3	1395	07FP4179	46.3	3290			
20P				07KP4066	42.8	1720	07KP4179	51.0	3860			
24P				07RP4066	47.6	2070	07RP4179	57.1	4960			
36P				07P24066	55.0	2905	07P24179	64.6	6255			
2T				072T4066	19.2	360	072T4179	26.0	1025			
4T				074T4066	23.7	560	074T4179	29.7	1355			
6T				076T4066	28.6	805	076T4179	35.4	1975			
10T				070T4066	36.9	1295	070T4179	44.8	3105			
12T				07BT4066	38.4	1470	07BT4179	46.5	3375			
16T				07FT4066	42.8	1890	07FT4179	51.1	4030			
24T				07RT4066	53.5	2810	07RT4179	63.2	6060			
2P				2.5	7/0.67	0.7	082P4066	20.7	370	082P4179	26.6	1060
4P							084P4066	24.4	570	084P4179	30.4	1380
6P							086P4066	29.3	810	086P4179	36.1	2000
8P	088P4066	33.2	1045				088P4179	40.1	2390			
10P	080P4066	37.7	1305				080P4179	45.9	3165			
12P	08BP4066	39.0	1460				08BP4179	47.0	3395			
16P	08FP4066	43.9	1895				08FP4179	53.1	4560			
20P	08KP4066	49.1	2335				08KP4179	58.5	6315			
24P	08RP4066	54.7	2810				08RP4179	64.6	6185			
36P	08P24066	63.3	3990				08P24179	74.8	8785			
2T	082T4066	23.0	475				082T4179	29.0	1240			
4T	084T4066	27.1	760				084T4179	33.9	1860			
6T	086T4066	32.8	1100				086T4179	39.8	2445			
10T	080T4066	42.4	1763				080T4179	50.7	3880			
12T	08BT4066	44.0	2025				08BT4179	52.3	4235			
16T	08FT4066	49.1	2590				08FT4179	58.7	5580			
24T	08RT4066	61.7	3895				08RT4179	73.1	8545			

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