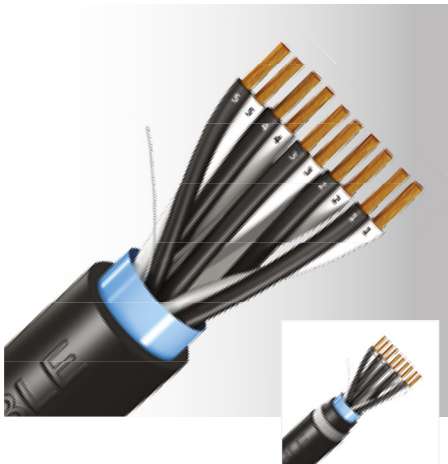


# Fire Resistant Instrumentation Cables

300/500V Collective Screen  
Silicone Rubber Insulated, OS, Unarmoured & Armoured, LSZH Sheathed Cable  
CU/SR/OS/LSZH or CU/SR/OS/LSZH/SWA/LSZH



Application:	This cable is intended for use in machineries, especially suitable for areas where fire would create dense smoke and toxic fumes, imposing a major threat to life and equipment
Voltage Rating:	300/500V
Construction:	Plain annealed copper wire, silicone rubber insulation, layer of polyester tape, aluminum foil and tinned copper drain wire, overall screen, unarmoured or galvanized steel wire armoured, HFS-90-TP bedding, HFS-90-TP sheathed cable
Insulation Colour:	Pair: Black, White with numbering Triple: Red, Black, White with numbering
Sheath Colour:	Black or as per order
Specification:	BS EN 50288-7, BS EN 50288-1, BS EN 50290, AS/NZS 1660.5
Operating Temperature:	250°C

## Unarmoured Cable

Nominal Area (mm <sup>2</sup> )	Conductor			Nominal Insulation Thickness (mm)	Nominal Sheath Thickness (mm)	Approx. Overall Dia. (mm)	Approx. Weight (kg/km)
	Cabling (no.)	Class (no.)	Stranded Dia. (mm)				
0.5	1P	2	0.9	0.6	0.9	7.5	52
	2P				1.0	10.5	98
	4P				1.0	12.0	143
	6P				1.1	14.5	204
	8P				1.2	16.0	262
	10P				1.2	18.2	321
	12P				1.3	19.0	368
	16P				1.3	21.0	460
	20P				1.4	23.5	571
	24P				1.5	26.2	698
	36P				1.6	30.0	970
	50P				1.8	35.5	1335
	1T				0.9	7.5	63
	4T				1.1	13.2	198
6T	1.2	15.8	283				
12T	1.3	21.0	508				
16T	1.4	23.5	652				
36T	1.8	34.0	1403				
1.5	1P	2	1.59	0.6	0.9	9.0	82
	2P				1.1	13.0	167
	4P				1.1	15.0	260
	6P				1.2	17.5	375
	8P				1.3	20.0	487
	10P				1.4	23.0	612
	12P				1.4	23.5	695
	16P				1.5	26.5	897
	20P				1.6	29.5	1116
	24P				1.7	33.0	1355
	36P				1.9	38.0	1935
	50P				2.1	45.0	2666
	1T				0.9	9.0	105
	4T				1.2	16.5	367
6T	1.3	19.8	532				
12T	1.5	26.5	997				
16T	1.6	30.0	1292				
36T	2.1	42.5	2822				

# Fire Resistant Instrumentation Cables



tel (65) 6367 0107 fax (65) 6365 2963  
www.keystone-cable.com

300/500V Collective Screen  
Silicone Rubber Insulated, OS, Unarmoured & Armoured, LSZH Sheathed Cable  
CU/SR/OS/LSZH or CU/SR/OS/LSZH/SWA/LSZH

Armoured Cable								
Conductor				Nominal Insulation Thickness	Nominal Dia. Over Bedding	Nominal Dia. Over Armour	Approx. Overall Dia.	Approx. Weight
Nominal Area	Cabling	Class	Stranded Dia.					
(mm <sup>2</sup> )	(no.)	(no.)	(mm)	(mm)	(mm)	(mm)	(mm)	(kg/km)
0.5	1P	2	0.9	0.6	6.8	8.8	11.8	253
	2P				9.8	11.8	15.5	372
	4P				11.3	13.3	17.0	453
	6P				13.6	15.6	19.0	571
	8P				15.4	17.4	21.0	683
	10P				17.4	20.1	23.8	925
	12P				18.2	20.9	24.8	1010
	16P				20.2	22.9	26.5	1167
	20P				22.7	25.4	29.5	1370
	24P				25.4	28.1	32.2	1589
	36P				29.2	32.6	37.0	2231
	50P				34.5	37.9	42.5	2802
	1T				7.0	9.0	12.2	270
	4T				12.7	14.7	18.0	544
	6T				15.3	17.3	20.8	703
	12T				20.3	23.0	26.8	1215
16T	22.7	25.4	29.5	1451				
36T	33.2	36.6	41.2	2831				
1.5	1P	2	1.5	0.6	8.1	10.1	13.2	307
	2P				12.2	14.2	17.5	498
	4P				14.1	16.1	19.5	657
	6P				17.1	19.8	23.2	976
	8P				19.4	22.1	25.8	1168
	10P				22.2	24.9	29.0	1397
	12P				22.9	25.6	29.6	1506
	16P				25.7	28.4	32.6	1817
	20P				28.8	32.2	36.5	2357
	24P				32.3	35.7	40.2	2759
	36P				37.4	40.8	45.6	3578
	50P				44.2	48.4	53.2	4917
	1T				8.5	10.5	13.7	344
	4T				15.9	17.9	21.4	801
	6T				19.2	21.9	25.6	1212
	12T				25.9	28.6	32.8	1918
16T	29.0	32.4	36.7	2534				
36T	41.4	45.6	50.8	5072				