

# LSF Wiring Cables

## Application

Industrial wiring installation where smoke and acid gas emission would pose a major hazard in the event of fire. These cables are intended for drawing into trunking and conduit and are suitable for use in electrical installations such as power, lighting, application, switchgear and controlgear. which are to be used in higher temperature zones.

## Harmonised Code

0.75mm & 1.0mm solid conductor wire H05Z-U  
 1.5mm & 2.5mm solid conductor wire H07Z-U  
 1.5mm to 120mm stranded conductor wire H07Z-R

## Construction

Reference : 6491 B  
 Conductor : Solid stranded plain copper class I or 2 to BS6360/IEC60228-I  
 Insulation : Thermosetting, low Smoke zero halogen

## Standard Colours

Colours : Black, Blue, Red, Yellow, Green/yellow, Grey  
 Other colours available on request.

## Packaging

Size 0.75mm to 35mm in reels/coils of 100yards and 100m  
 All sizes can be supplied in non-returnable wooden reels of 500m and 100m  
 Customised lengths available on request

## Technical Data

Max.Operating Temperature : 90 C  
 Rated Voltage : 450\750V (300\500V For 0.75mm & 1.0mm)  
 Standards : Generally to BS7211

Nominal Cross-Sectional Area (mm <sup>2</sup> )	Conductor			Radial Thickness of Insulation (mm)	Approx. Overall Diameter (mm)	Approx. Nett Weight (kg/km)	Approx. Current Carrying Capacity (A)	Product Code
	Number of Strands	Diameter of Strand (mm)	Max. Resistance at 20°C (Ω/km)					
0.75	1	0.98	24.50	0.6	2.40	11	10	JSCL00.75
1.00	1	1.13	18.10	0.6	2.60	14	12	JSCL01.05
1.50	1	1.38	12.10	0.7	3.20	21	16	JSCL01.5
1.50	7	0.53	12.10	0.7	3.30	22	16	JSCL1.5
2.50	1	1.78	7.410	0.8	3.90	32	21	JSCL025
2.50	7	0.67	7.410	0.8	4.00	35	21	JSCL25
4.00	7	0.85	4.610	0.8	4.60	50	28	JSCL4.0
6.00	7	1.04	3.080	0.8	5.20	71	36	JSCL6.0
10.0	7	1.35	1.830	1.0	6.70	120	50	JSCL10.0
16.0	7	1.70	1.150	1.0	7.80	180	68	JSCL16.0
25.0	7	2.14	0.727	1.2	9.70	280	89	JSCL25.0
35.0	7	2.52	0.524	1.2	10.90	380	110	JSCL35.0
50.0	19	1.83	0.387	1.4	12.80	510	134	JSCL50.0
70.0	19	2.17	0.268	1.4	14.60	710	171	JSCL70.0
95.0	19	2.52	0.193	1.6	17.10	970	207	JSCL95.0
120.0	37	2.04	0.153	1.6	18.80	1200	239	JSCL120.0
150.0	37	2.25	0.124	1.8	20.90	1480	262	JSCL150
185.0	37	2.25	0.0991	2.0	23.30	1900	296	JSCL185.0
240.0	61	2.24	0.0754	2.0	26.60	2480	346	JSCL240.0
300.0	61	2.50	0.0601	2.2	29.60	3100	394	JSCL300.0
400.0	61	2.85	0.0470	2.6	33.20	3940	467	JSCL400.0
500.0	91	2.65	0.0366	2.8	36.90	5000	533	JSCL500.0
630.0	91	2.97	0.0283	2.8	41.10	6350	611	JSCL630.0

