

318B LSZH H05Z1Z1-F Cable 300/500V

Application:	Suitable for medium duty appliances e.g. washing machines
Conductor:	Flexible Copper, class 5
Insulation:	LSZH (Low Smoke Zero Halogen)
Conductor identification:	2 core: Brown & Blue 3 core: Brown, Blue & Green/Yellow 4 core: Brown, Grey, Black & Green/Yellow 5 core: Brown, Grey, Black, Blue & Green/Yellow
Sheath:	LSZH (Low smoke zero halogen)
Operating temperature:	Conductor temperature: Max +70 °C Insulation temperature: Min -5°C, Max +70°C for fixed installation Sheath temperature: Min -5°C, Max +70°C for fixed installation
Short circuit temperature:	Max. Temperature of short circuit 150°C
Colour:	Black, White or Grey
Voltage:	300/500V
Min bending radius:	6 x Overall Diameter
Standards	BS EN 50525-3-11: Cables with special fire performance – Flexible cables with halogen-free thermoplastic insulation, and low emission of smoke. EN 61034-2: Measurement of smoke density of cables burning under defined conditions. Test procedure and requirements. EN 60332-1-2: Tests on electric and optical fibre cables under fire conditions. Test for vertical flame propagation for a single insulated wire or cable. Procedure for 1 kW pre-mixed flame.

Size (sqmm)	No. of cores	RT of insulation (mm)	RT of sheath (mm)	Nom. Overall diameter (mm)	Weight (kg/km)
0.75	2	0.6	0.8	6.3	55
1	2	0.6	0.8	6.6	64
1.5	2	0.7	0.8	7.5	84
2.5	2	0.8	1.0	9.2	129
4	2	0.8	1.1	10.5	179
0.75	3	0.6	0.8	6.7	67
1	3	0.6	0.8	7.0	77
1.5	3	0.7	0.9	8.2	106
2.5	3	0.8	1.1	10.0	163
4	3	0.8	1.2	11.4	226
0.75	4	0.6	0.8	7.3	81
1	4	0.6	0.9	7.9	99
1.5	4	0.7	1.0	9.2	136
2.5	4	0.8	1.1	10.9	200
4	4	0.8	1.2	12.4	281
0.75	5	0.6	0.9	8.1	101
1	5	0.6	0.9	8.6	120
1.5	5	0.7	1.1	10.2	168
2.5	5	0.8	1.2	12.1	249
4	5	0.8	1.4	14.0	356

Size (sqmm)	No. of cores	Max. Conductor resistance at 20°C (ohms/km)	Minimum insulation resistance @ 70°C (MΩkm)
0.75	2	26.00	0.011
1	2	19.50	0.010
1.5	2	13.30	0.010
2.5	2	7.980	0.0095
4	2	4.950	0.0078
0.75	3	26.00	0.011
1	3	19.50	0.010
1.5	3	13.30	0.010
2.5	3	7.980	0.0095
4	3	4.950	0.0078
0.75	4	26.00	0.011
1	4	19.50	0.010
1.5	4	13.30	0.010
2.5	4	7.98	0.0095
4	4	4.95	0.0078
0.75	5	26.00	0.011
1	5	19.50	0.010
1.5	5	13.30	0.010
2.5	5	7.98	0.095
4	5	4.95	0.0078