

6491B H07Z-R single core technical data sheet



<u>Construction :</u>	Class 2 plain copper conductor to EN 60228
<u>Insulation:</u>	Low Smoke Zero Halogen (LSZH) type EI5 to EN 50363
<u>Standards:</u>	Flame propagation to EN 60332-1-2 Absence of halogens to EN 50267-2-1 Low degree of acidity to EN 50267-2-2 Low emission of toxic smoke and gases to EN 61034-2 Flame propagation test to EN 60332-1-2 Harmonised H07Z-R, HD 22.9, EN 50525-3-41
<u>Application:</u>	6491B is a class 2 stranded LSOH cable, used in conduit wiring for distributor boards and switchboards in public buildings, where low smoke halogen free properties are required.

Conductor (mm)	Nominal Thickness Of Insulation (mm)	Nominal Overall Diameter (mm)	Max Conductor Resistance @ 20°C (Ohms/km)
1.5	0.7	3.40	12.10
2.5	0.8	4.1	7.41
4.0	0.8	4.7	4.61
6.0	0.8	5.4	3.08
10.0	1.0	6.8	1.83
16.0	1.0	8.0	1.15
25.0	1.2	9.8	0.727
35.0	1.2	11	0.524
50.0	1.4	13.2	0.387
70	1.4	15.1	0.268
95	1.6	17	0.193
120	1.6	19	0.153
150	1.8	21	0.124
185	2.0	23.5	0.0991
240	2.2	26.5	0.0754
300	2.4	29.5	0.0601
400	2.6	33.5	0.047