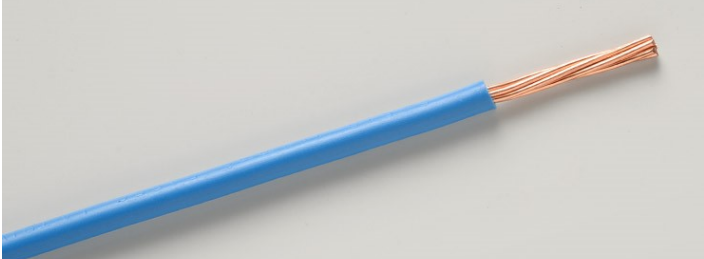


6491B H07Z-R Single Core Technical Data Sheet



Rated voltage	Max. operating temperature
450/750V	+90°C

Conductor:	Class 2 copper conductor to EN 60228
Insulation:	Low Smoke Zero Halogen (LSZH) type EI5 (Available in various colours)
Standards:	BASEC Approved BS EN 50525-3-41:2011
Application:	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)	Insulation thickness (mm)	Mean overall diameter (mm)	Conductor resistance (Ω/km)	Approximate weight (kg/km)
1.5	0.70	3.00	12.1	22
2.5	0.80	3.60	7.41	31
4.0	0.80	4.10	4.61	48
6.0	0.80	4.70	3.08	69
10.0	1.00	5.90	1.83	112
16.0	1.00	7.00	1.15	169
25.0	2.00	8.90	0.727	269
35.0	2.00	9.60	0.524	355