

6491X H07V-U Solid Technical Data Sheet



Max. operating temperature	Rated voltage
+70°C	450/750V

Conductor:	Class 1 solid plain copper conductor to EN 60228
Insulation:	PVC type TII. Available in Blue, Brown, Black, Grey, G/Y, White, Orange, Red, Turquoise & Pink
Standards:	EN 50525-2-31:2011
Application:	6491X is a solid single core cable for use in conduit wiring for distributor and switchboards.

Size (mm)	Insulation thickness (mm)	Mean overall diameter (mm)	Conductor resistance (Ω /km)	Approximate weight (kg/km)
1.5	0.70	2.80	12.1	19
2.5	0.80	3.40	7.41	30
4	0.80	3.80	4.61	45
6	0.80	4.30	3.08	63

6491X H07V-R Stranded Technical Data Sheet



Max. operating temperature	Rated voltage
+70°C	450/750V

Conductor:	Class 2 Stranded plain copper conductor to EN 60228
Insulation:	PVC type TII. Available in Blue, Brown, Black, Grey, G/Y, White, Orange, Red, Turquoise & Pink
Standards:	EN 50525-2-31:2011
Application:	6491X is a solid single core cable for use in conduit wiring for distributor & switchboards.

Size (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	33
4	0.80	4.10	4.61	48
6	0.80	4.70	3.08	69
10	1.00	5.90	1.83	114
16	1.00	7.00	1.15	172
25	2.00	8.90	0.727	269
35	2.00	9.60	0.524	355