

HALOGEN FREE INSULATED NON SHEATHED (H07Z-R) CABLE - 6491B



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CONDUCTOR

Plain annealed copper conductor
1.0 mm² to 2.5 mm² solid Class 1
1.5 mm² to 300 mm² stranded Class 2 complying with
BS EN 60228, HD 383, IEC 60228, SABS 1411-1

TEMPERATURE RATING

0° C to 90° C

INSULATION

Low Smoke Zero Halogen (LSOH), EI5 BS EN 50363-5, HD 602

COLOURS AVAILABLE

Red, Black, Blue, Brown, Yellow / Green
Other colours available on request.

APPLICATION

The cables are suitable for conduit wiring, especially in installation where fire, smoke emission and toxic fumes create a potential threat.

Single Core Low Smoke Zero Halogen (LSOH)

Dimensions

Nominal Cross Section Area (Sq.mm)	Conductor Details		Nominal Insulation Thickness (mm)	Nominal Overall Diameter (mm)	Approx. net Weight Kg/Km
	No. of Strands	Max DC Resistance at 20°C (Ω/km)			
1 x 1	1	18.1	0.6	2.4	14
1 x 1.5	1	12.1	0.7	2.8	20
1 x 1.5	7	12.1	0.7	2.8	19
1 x 2.5	1	7.41	0.8	3.4	32
1 x 2.5	7	7.41	0.8	3.6	33
1 x 4	7	4.61	0.8	4.2	50
1 x 6	7	3.08	0.8	5.1	74
1 x 10	7	1.83	1.0	6.7	126
1 x 16	7	1.15	1.0	7.8	184
1 x 25	7	0.727	1.2	9.6	295
1 x 35	7	0.524	1.2	10.0	375
1 x 50	19	0.387	1.4	11.7	510
1 x 70	19	0.268	1.4	13.5	710
1 x 95	19	0.193	1.6	15.8	950
1 x 120	37	0.153	1.6	17.5	1240
1 x 150	37	0.124	1.8	19.5	1530
1 x 185	37	0.099	2.0	21.3	1800
1 x 240	37	0.0754	2.2	25.0	2500
1 x 300	61	0.0601	2.4	27.2	2990
1 x 400	61	0.0470	2.6	31.0	3860
1 x 500	61	0.0366	2.8	34.5	4900
1 x 630	91	0.0283	2.8	39.0	6370

Note:- Size 1.5 to 25 mm² BASEC approved. For sizes above 25 mm², kindly call for more information.