

PVC INSULATED BUILDING WIRE BS 6004 H05V-U / H07V-U / H07V-R



WIRE 1.5 SQ MM 450/750V BS 6004

CONDUCTORS

Plain annealed copper conductor
1 mm² to 2.5 mm² solid Class 1
1.5 mm² to 630 mm² stranded Class 2 complying with
BS EN 60228, HD 383, I

TEMPERATURE RATING

Fixed application -15° C TO +70° C

INSULATION

PVC (Polyvinyl chloride) complying BS EN 50363-3, HD 21.1, IEC 60227-1,
SABS 1411-2

COLOURS AVAILABLE

RED, YELLOW, BLACK, BLUE, BROWN, YELLOW/GREEN,
GREY, WHITE
Other colours available on request.

APPLICATION

- *Suitable for power and lighting circuits and building wiring.
- *Suitable for use in semi-flush exposed conduits, embedded conduits and in closed installation ducts.
- *Ideal for the internal wiring of appliance

Single Core PVC Insulated Unsheathed TYPE (NYA)

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	1	18.1	0.6	2.4	14
1.5	1	12.1	0.7	2.8	20
1.5	7	12.1	0.7	3.0	19
2.5	1	7.41	0.8	3.4	32
2.5	7	7.41	0.8	3.6	33
4	7	4.61	0.8	4.2	50
6	7	3.08	0.8	5.1	74
10	7	1.83	1.0	6.7	126
16	7	1.15	1.0	7.8	184
25	7	0.727	1.2	9.6	295
35	7	0.524	1.2	10.0	375
50	19	0.387	1.4	11.7	510
70	19	0.268	1.4	13.5	710
95	19	0.193	1.6	15.8	950
120	37	0.153	1.6	17.5	1240
150	37	0.124	1.8	19.5	1530
185	37	0.0991	2.0	21.3	1800
240	37	0.0754	2.2	25.0	2500
300	61	0.0601	2.4	27.2	2990
400	61	0.0470	2.6	31.0	3860
500	61	0.0366	2.8	34.5	4900
630	91	0.0283	2.8	39.0	6370

Note:- Size 1.5 to 150 Sq.mm BASEC Approved
Size 1 to 4 Sq.mm VDE Approved

Size 1 to 120 Sq.mm NF – USE Approved
For other sizes kindly contact for details