

CABLES FOR FIXED INSTALLATION WITH COPPER CONDUCTOR, PVC INSULATED NON-SHEATHED



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1. Solid or stranded conductor
2. PVC insulation

TYPE OF CABLE:

H07V-U

and **H07V-R (UK: 6491X)**

RATED VOLTAGE:

450/750V

STANDARD SPECIFICATION: HD 21.3 - BS: 6004

Applications

Suitable for drawing in surface mounted or embedded conduits, in channels with cover, for fixed protected installation in or on lighting fittings and inside appliances, switchgear.

Colours

NUMBER OF CORE: 1	Green/yellow, blue, black, brown, grey, orange, pink, red, turquoise, violet and white.
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NOMINAL AREA OF CONDUCTOR	MEAN OVERALL DIAMETER (UPPER LIMIT)	NET WEIGHT (APPROX.)	MAX. CONDUCTOR RESISTANCE AT 20°C	CONTINUOUS CURRENT RATING	VOLTAGE DROP	
					1 PHASE	3 PHASES
mm ²	mm	Kg/Km	Ω/Km	A	mV	mV
1x1,5*	3,2	19	12,1	16	29	25
1x1,5	3,3	22	12,1	16	29	25
1x2,5*	3,9	30	7,41	20	18	15
1x2,5	4,0	34	7,41	20	18	15
1x4*	4,4	43	4,61	26	11	9,5
1x4	4,6	47	4,61	26	11	9,5
1x6*	5,0	60	3,08	34	7,3	6,4
1x6	5,2	65	3,08	34	7,3	6,4
1x10*	6,4	105	1,83	46	4,4	3,8
1x10	6,7	110	1,83	46	4,4	3,8
1x16	7,8	165	1,15	61	2,8	2,4
1x25	9,7	260	0,727	80	1,75	1,5
1x35	10,9	350	0,524	99	1,25	1,1
1x50	12,8	480	0,387	119	0,95	0,82
1x70	14,6	675	0,268	151	0,66	0,57
1x95	17,1	930	0,193	182	0,50	0,43
1x120	18,8	1150	0,153	210	0,41	0,36
1x150	20,9	1420	0,124	240	0,34	0,30
1x185	23,3	1790	0,0991	273	0,28	0,26
1x240	26,6	2350	0,0754	320	0,25	0,22
1x300	29,6	2920	0,0601	367	0,22	0,19
1x400	33,2	3720	0,0470	441	0,19	0,16

* Solid conductors (Type U)
Stranded conductors (Type R)

Note: The current rating is given for an ambient temperature 30° C. For other ambient temperature the correction factor is:

Temperature °C	15	20	25	30	35	40	45	50
Correction factor	1,17	1,12	1,06	1,0	0,94	0,87	0,79	0,71