

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



1. Flexible conductor
2. PVC insulation

TYPE OF CABLE: H07V-K (UK: 2491X)
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, black, blue, 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	3,4	20	13,3	16	29	25
1x2,5	4,1	32	7,98	20	18	15
1x4	4,8	48	4,95	26	11	9,5
1x6	5,3	65	3,30	34	7,3	6,4
1x10	6,8	120	1,91	46	4,4	3,8
1x16	8,1	175	1,21	61	2,8	2,4
1x25	10,2	270	0,780	80	1,75	1,5
1x35	11,7	370	0,554	99	1,25	1,11
1x50	13,9	500	0,386	119	0,95	0,82
1x70	16,0	700	0,272	151	0,66	0,57
1x95	18,2	955	0,206	182	0,50	0,43
1x120	20,2	1180	0,161	210	0,41	0,36
1x150	22,5	1460	0,129	240	0,34	0,30
1x185	24,9	1840	0,106	273	0,28	0,26
1x240	28,4	2400	0,0801	320	0,25	0,22

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