

Construction	Solid or stranded plain annealed copper conductors, Polyvinyl Chloride (PVC) insulation.		
Specification	BS6004 Table 4a	Voltage Rating	0.45/0.75 kV
Operating Temperature	0°C (Min) to 70°C (Max)		
Standard Colours	Red, Blue, Black & Green/Yellow (Harmonised), Yellow (Non-harmonised)		
Harmonised Code	H07V-U (Solid conductor) & H07V-R (Stranded conductor)		
Approvals	BASEC Schedule No. 024/001/172 (1.50mm ² - 400.00mm ² Harmonised colours) BASEC Schedule No. 024/001/171 (1.50mm ² - 630.00mm ² Non-harmonised colours)		

No. of cores & Nominal Cross Sectional Area of Conductor	Current Rating*		Voltage Drop*			Maximum DC Conductor Resistance @ 20°C	Nominal Overall Diameter	Nominal Weight	AEI Product Code
	2 Cables Single Phase ac or dc	3 or 4 Cables Three Phase ac	2 Cables dc	2 Cables Single Phase ac or dc	3 Cables Three Phase ac				
no x mm ²	Amps	Amps	mV/A/M	mV/A/M	mV/A/M	Ω/Km	mm	Kg/Km	
1 x 1.50+	17.50	15.50	29.00	29.00	25.00	12.10	2.80	20.00	211-004
1 x 1.50	17.50	15.50	29.00	29.00	25.00	12.10	3.00	22.00	211-010
1 x 2.50+	24.00	21.00	18.00	18.00	15.00	7.41	3.40	32.00	211-005
1 x 2.50	24.00	21.00	18.00	18.00	15.00	7.41	3.60	33.00	211-011
1 x 4.00	32.00	28.00	11.00	11.00	9.50	4.61	4.10	49.00	211-012
1 x 6.00	41.00	36.00	7.30	7.30	6.40	3.08	4.60	69.00	211-013
1 x 10.00	57.00	50.00	4.40	4.40	3.80	1.83	5.80	114.00	211-014
1 x 16.00	76.00	68.00	2.80	2.80	2.40	1.15	6.80	172.00	211-015
1 x 25.00	101.00	89.00	1.75	1.80	1.55	0.727	8.50	268.00	211-016
1 x 35.00	125.00	110.00	1.25	1.30	1.10	0.524	10.20	376.00	211-017
1 x 50.00	151.00	134.00	0.93	1.00	0.85	0.387	11.80	509.00	211-018
1 x 70.00	192.00	171.00	0.63	0.72	0.61	0.268	13.60	716.00	211-019
1 x 95.00	232.00	207.00	0.46	0.56	0.48	0.193	15.90	988.00	211-020
1 x 120.00	269.00	239.00	0.36	0.47	0.41	0.153	17.50	1226.00	211-021
1 x 150.00	300.00	262.00	0.29	0.41	0.36	0.124	19.50	1508.00	211-022
1 x 185.00	341.00	296.00	0.23	0.37	0.32	0.0991	21.80	1891.00	211-023
1 x 240.00	400.00	346.00	0.18	0.33	0.29	0.0754	24.80	2464.00	211-024
1 x 300.00	458.00	394.00	0.145	0.31	0.27	0.0601	27.70	3080.00	211-025
1 x 400.00	546.00	467.00	0.105	0.29	0.25	0.0470	31.10	3945.00	211-026
1 x 500.00#	626.00	533.00	0.086	0.28	0.25	0.0366	34.70	4952.00	211-027
1 x 630.00#	720.00	611.00	0.068	0.27	0.24	0.0283	38.60	6295.00	211-028

* The current ratings and voltage drop factors are extracted from Appendix 4 of BS7671, Requirements for Electrical Installations: IEE Wiring Regulations Sixteenth Edition, table 4D1A, for cables installed "Enclosed in conduit on a wall or in trunking" Reference Method 3.

+ Solid conductors.

National Type.

General Note
 AEI Cables reserves the right to amend the product information without notice or liability.
 The information is considered accurate at the time of going to print.

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