

Construction	Flexible plain annealed copper conductors, Heat Resisting Polyvinyl Chloride (PVC) insulation, cores laid up, Heat Resisting Polyvinyl Chloride (PVC) sheath		
Specification	BS6500 Table 29	Voltage Rating	0.3/0.5 kV
Operating Temperature	0°C (Min) to 90°C (Max)		
Standard Colours	2 core : Blue & Brown 3 core : Blue, Brown & Green/Yellow 4 core : Blue, Brown, Black & Green/Yellow Sheath : White		
Harmonised Code	H05V2V2-F		
Approvals	None		

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 Core Single Phase ac	3 Core Three Phase ac	2 Core dc	2 Core Single Phase ac	3 Core Three Phase ac				
no x mm ²	Amps	Amps	mV/A/M	mV/A/M	mV/A/M	Ω/Km	mm	Kg/Km	
2 x 0.50	3.00	-	101.00	101.00	-	39.00	6.20	51.00	232-300
2 x 0.75	6.00	-	67.00	67.00	-	26.00	6.60	60.00	232-301
2 x 1.00	10.00	-	50.00	50.00	-	19.50	7.10	68.00	233-249
2 x 1.50	16.00	-	34.00	34.00	-	13.30	7.90	86.00	232-439
2 x 2.50	25.00	-	20.00	20.00	-	7.98	9.80	136.00	233-250
3 x 0.50	3.00	-	-	101.00	-	39.00	6.50	59.00	232-307
3 x 0.75	6.00	-	-	67.00	-	26.00	7.00	72.00	232-308
3 x 1.00	10.00	-	-	50.00	-	19.50	7.40	81.00	232-309
3 x 1.50	16.00	-	-	34.00	-	13.30	8.60	112.00	232-310
3 x 2.50	25.00	-	-	20.00	-	7.98	10.40	169.00	232-311
4 x 0.50	-	3.00	-	-	87.00	39.00	7.30	70.00	232-314
4 x 0.75	-	6.00	-	-	58.00	26.00	7.60	85.00	233-251
4 x 1.00	-	10.00	-	-	43.00	19.50	8.40	103.00	233-252
4 x 1.50	-	16.00	-	-	29.00	13.30	9.90	144.00	233-253
4 x 2.50	-	20.00	-	-	17.00	7.98	11.60	212.00	233-254

* The current rating and voltage drop factors are extracted from Appendix 4 of BS7671, Requirements for Electrical Installations: IEE Wiring Regulations Sixteenth Edition, table 4H3A.

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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