

Construction Solid or stranded plain annealed copper conductors, Polyvinyl Chloride (PVC) insulation, cores laid flat, Polyvinyl Chloride (PVC) sheath.

Specification BS6004 Table 7 **Voltage Rating** 0.3/0.5 kV

Operating Temperature 0°C (Min) to 70°C (Max)

Standard Colours
 2 core : Red & Black
 3 core : Red, Yellow, Blue
 Sheath : Grey or White

Harmonised Code National Type

Approvals BASEC Schedule No. 024/001/173

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 or dc	3 Core Three Phase ac	2 Core Single Phase ac or dc	3 Core Three Phase ac				
no x mm ²	Amps	Amps	mV/A/M	mV/A/M	Ω/Km	mm	Kg/Km	
2 x 1.00+	15.00	-	44.00	-	18.10	4.20 x 6.50	52.00	221-070
2 x 1.50+	19.50	-	29.00	-	12.10	4.60 x 7.40	68.00	221-071
2 x 2.50+	27.00	-	18.00	-	7.41	5.40 x 8.80	101.00	221-072
2 x 4.00	36.00	-	11.00	-	4.61	6.30 x 10.20	146.00	221-073
2 x 6.00	46.00	-	7.30	-	3.08	6.90 x 11.60	200.00	221-074
2 x 10.00	63.00	-	4.40	-	1.83	8.30 x 14.10	306.00	221-075
2 x 16.00	85.00	-	2.80	-	1.15	9.40 x 16.20	468.00	221-076
3 x 1.00+	-	13.50	-	38.00	18.10	4.20 x 9.00	77.00	221-079
3 x 1.50+	-	17.50	-	25.00	12.10	4.60 x 10.20	99.00	221-080
3 x 2.50+	-	24.00	-	15.00	7.41	5.40 x 12.30	148.00	221-081
3 x 4.00	-	32.00	-	9.50	4.61	6.30 x 14.50	201.00	221-082
3 x 6.00	-	41.00	-	6.40	3.08	6.90 x 16.20	291.00	221-083
3 x 10.00	-	57.00	-	3.80	1.83	8.30 x 19.80	454.00	221-084
3 x 16.00	-	76.00	-	2.40	1.15	9.40 x 22.90	653.00	221-085

* The current ratings and voltage drop factors are extracted from Appendix 4 of BS7671, Requirements for Electrical Installations: IEE Wiring Regulations Sixteenth Edition, table 4D2A, for cables installed "Clipped Direct" Reference Method 1.

+ Solid conductors.

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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