

Constructional & Electrical Performance Data

6241Y – Surface Wiring Cable

Construction	Solid plain annealed copper conductors, Polyvinyl Chloride (PVC) insulation, core laid flat with a non-insulated circuit protective conductor (CPC), Polyvinyl Chloride (PVC) sheath		
Specification	BS6004 Table 8	Voltage Rating	0.3/0.5 kV
Operating Temperature	0°C (Min) to 70°C (Max)		
Standard Colours	Core : Red or Black Sheath : Grey or White		
Harmonised Code	National Type		
Approvals	BASEC Schedule No. 024/001/175		

No. of cores & Nominal Cross Sectional Area of Conductor	Nominal Cross Sectional Area of CPC	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	mm ²	Amps	Amps	mV/A/M	mV/A/M	Ω/Km	mm	Kg/Km	
2 x 1.00+	1.00+	15.00	-	44.00	-	18.10	4.20 x 5.30	42.00	221-713
2 x 1.50+	1.00+	19.50	-	29.00	-	12.10	4.60 x 5.70	49.00	221-718

* 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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