

Constructional and Electrical Performance Data

Tri-Rated – Switchgear Wiring Cable



AEI Cables Limited

Construction	Flexible plain annealed copper conductors, HR Polyvinyl Chloride (PVC) insulation.		
Specification	BS6231 Type CK Underwriters Laboratories UL758 Canadian Standards C22.2 No 127-95	Voltage Rating	0.6/1.0 kV
Operating Temperature	0°C (Min) to 90°C (Max) or 105°C (Limited life span)		
Standard Colours	Red, Yellow, Blue, Black & Green/Yellow		
Harmonised Code	National Type		
Approvals	Underwriters Laboratories Canadian Standards Association		

No. of cores & Nominal Cross Sectional Area of Conductor	UL Style Number	Current Rating			Maximum DC Conductor Resistance@ 20°C	Nominal Overall Diameter	Nominal Weight	AEI Product Code
		Single Cable	2 Cables Bunched	3 Cables Bunched				
no x mm ²		Amps	Amps	Amps	Ω/Km	mm	Kg/Km	
1 x 0.50	1015	11.50	10.00	7.00	39.00	2.60	12.00	233-145
1 x 0.75	1015	16.00	14.00	10.50	26.00	2.80	14.00	233-146
1 x 1.00	1015	19.00	16.50	12.50	19.50	3.00	17.00	233-147
1 x 1.50	1015	24.00	20.00	16.00	13.30	3.30	22.00	233-148
1 x 2.50	1015	32.00	28.00	22.00	7.98	3.70	32.00	233-149
1 x 4.00	1015	43.00	37.00	29.00	4.95	4.30	49.00	233-152
1 x 6.00	1015	56.00	49.00	39.00	3.30	5.20	73.00	233-153
1 x 10.00	1028	79.00	69.00	57.00	1.91	7.00	131.00	233-154
1 x 16.00	1283	105.00	91.00	76.00	1.21	8.90	207.00	233-155
1 x 25.00	1283	141.00	123.00	104.00	0.780	10.40	303.00	233-156
1 x 35.00	1283	178.00	154.00	131.00	0.554	11.90	408.00	233-157
1 x 50.00	1284	217.00	188.00	162.00	0.386	14.20	588.00	233-158
1 x 70.00	1284	276.00	239.00	208.00	0.272	15.90	796.00	233-159
1 x 95.00	1284	337.00	292.00	257.00	0.206	17.70	1026.00	233-160
1 x 120.00	1284	400.00	347.00	305.00	0.161	19.60	1263.00	233-161

+ Information for Bi-Rated cables are available on request.

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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