

Aluminium Claw Cleat (ACC-Range) BICC Athena



Aluminium Cable Cleat:

In all cable installations, an essential factor is to ensure that all cables are secured with the correct cleats for the cable, application, and environment. The ACC series of cleats support and secure all cables in a single formation throughout the system during normal operation and during fault conditions that may occur. System integrity is maintained, and cable damage can be prevented.

The ACC range of cleats comply with latest requirements to EN 61914:2016 & IEC 61914:2015 standards. The cleats are manufactured from LM6 grade die cast aluminium with excellent durability characteristics, resistant to corrosion and adverse weather conditions. The cleats are designed to hold and retain all types of cables in a single formation.

The ACC range cable cleats are marked "BICC Components" along with the cable diameter range (XX-XX) accommodation covering diameters from 10mm to 51mm.

The short circuit ratings mentioned below are based on single core cable formation as per the EN 61914:2016 & IEC 61914:2015 standards. Short circuit report for multicore cables is available upon request.

Test Standard BS EN 61914:2016 & IEC 61914:2015					
Description:	Clause:	Classification:	Description:	Clause:	Classification:
Type	6.1.1	Metallic	Resistance to Short Circuit	6.4.4 – 1 short circuit	25kA RMS / 62.5kA Peak
Operating Temperature	6.2	-40°C to +110°C		6.4.5 – 2 short circuits	25kA RMS / 62.5kA Peak
Impact Resistance	6.3.5	Very Heavy	Ultraviolet Light	6.5.1	Not Applicable
Lateral Retention	6.4.2	3 KN	Corrosion Resistant	6.5.2.2	High
Axial Retention	6.4.3	0.2 KN	Needle Flame	10.1	>120 secs
Cleat Spacing			Cleat type, spacing and suitability for horizontal or vertical installation is dependent on system fault level and cable diameter and weight. Therefore, these parameters must be adequately assessed by the end-user prior to order or installation of the cleats.		

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Features:

- Low & Medium Voltage Single or Multi Core Cables in a Single Formation.
- Cable Diameter Range from 10mm to 51mm.
- Can be Double Stacked on a Common Fixing.
- **Material:** LM6 Grade Die Cast Aluminium.
- Suitable for Use With all Standard Ladder and Tray Systems.
- Operating Temperatures -40°C to +110°C

Selection Table:

Item Code	Cable Diameters (mm)		Cleat Dimensions (mm)				Hole Fixings
	A Min.	A Max.	B (Max)	C	D	E	
ACC 10-13	10	13	24.0	36.5	45.5	15.0	1 x M10
ACC 13-16	13	16	26.0	41.5	42.0	18.0	1 x M10
ACC 16-19	16	19	30.0	43.5	43.0	18.0	1 x M10
ACC 19-22	19	22	29.0	44.0	45.5	18.0	1 x M10
ACC 22-25	22	25	38.0	54.5	44.0	24.5	1 x M10
ACC 25-32	25	32	39.0	55.5	46.0	25.0	1 x M10
ACC 32-38	32	38	42.0	59.5	45.0	26.5	1 x M10
ACC 38-44	38	44	49.0	65.0	44.0	29.5	1 x M10
ACC 44-51	44	51	58.0	78.0	46.5	33.5	1 x M10

Disclaimer: The dimension provided are for guidance and given in good faith, however BICC Components reserve the right to change these without prior notification.

