

Cast Iron Claw Cleat (CICC-Cleat) BICC Artemis



Cast Iron 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 CICC 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 CICC range of cleats comply with latest short circuit requirements to EN 61914:2016 & IEC 61914:2015 standard. The cleats are manufactured from cast iron for high temperatures in the event of a fire. The cleats are designed to hold and retain cables in a single formation and tested in conjunction with FR type cable (BS 7846:2015) to BS 8491:2008 standard.

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

Specification / Description:	Clause:	Classification:
EN 61914:2016 & IEC 61914:2015 Resistance to Short Circuit: • Single Core Cable	6.4.4 – 1 Short Circuit	30kA RMS / 75kA Peak
	6.4.5 – 2 Short Circuits	30kA RMS / 75kA Peak
EN 61914:2016 & IEC 61914:2015 Resistance to Short Circuit: • Multicore Cable	6.4.4 – 1 Short Circuit	1kA RMS / 2.5kA Peak
	6.4.5 – 2 Short Circuits	1kA RMS / 2.5kA Peak
BS 8491: 2008: Fire / Direct Mechanical Impact / Water	As per the Standard	Flame Temperature: 830°C +40°C -0°C
Cleat Spacings: 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:

- FR Type Low & Medium Voltage Single or Multi Core Cables in a Single Formation.
- Cable Diameter Range from 10mm to 51mm.
- 120 minutes Fire (Flame Temp 830°C +40°C -0°C) with Direct Mechanical Impact and Water.
- **Material:** Cast Iron.
- Suitable for Use With all Standard Ladder and Tray Systems.
- Operating Temperatures -40°C to +110°C.

Selection Table:							
Item Code Standard	Cable Diameters (mm)		Cleat Dimensions (mm)				Hole Fixings
	Min.	Max.	B (Max)	C	D	E	
CICC 10-13	10	13	29.5	37.5	46.5	16.0	1 x M10
CICC 13-16	13	16	32.0	40.5	46.0	17.0	1 x M10
CICC 16-19	16	19	35.0	44.0	44.5	18.5	1 x M10
CICC 19-22	19	22	37.0	52.0	47.0	21.0	1 x M10
CICC 22-25	22	25	41.0	51.0	47.0	21.0	1 x M10
CICC 25-32	25	32	44.0	54.0	48.0	24.0	1 x M10
CICC 32-38	32	38	52.0	64.0	48.0	28.0	1 x M10
CICC 38-44	38	44	61.0	70.0	48.0	30.5	1 x M10
CICC 44-51	44	51	69.0	75.0	48.0	34.0	1 x M10

Note: Available in Galvanized Finish – **Item Code Example:** CICC 19-22
Available in Powder Coated Finish – **Item Code Example:** CICC 38-44

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

