

'C' Connectors

This range is used for joining and tapping conductors. The smaller 'C' Connectors are used to connect 16, 25 and 35mm² conductors, usually in distribution earth situations, and the larger connectors are primarily used to connect earth grids, the resultant joints being corrosion resistant and suitable for direct burial.

Technical Data

Conductive Material

Copper	99.95% pure
Tensile Strength	200 MPa
Ductile Rating	40%

Operating Temperature

-55°C to 155°C

General Electrical Properties

Total Conductivity	99.7% IACS
Total Resistivity	1.738 micro-ohm cm

Dimensional Specification

Tooling is interchangeable between CABAC and Burndy.

Accepting Authorities

Rail Services Australia
Australia's major telecommunication authority

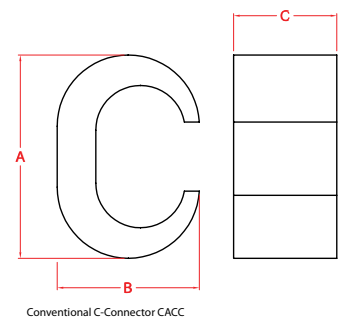
Conformant Standards

International Standard
(Heat Cycling Test) ESI 43/92



Conventional Connectors

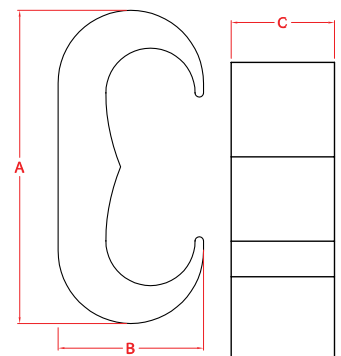
Catalogue No.	Conductor Range mm ² Run or Tap		Dimensions (mm)			Crimp Die 5 Tonne	Crimp Die 13 Tonne 'C'
	Min	Max	A	B	C		
CACC25	16	25	21.4	13.0	17.0	MC25-50	MC25-C
CACC35	35	35	26.6	15.6	21.0	MC35-50	MC35-C
CACC70	50	70	34.0	21.0	28.0		MC70-C
CACC95	70	95	41.0	26.0	29.0		MC95-C
CACC120	110	125	45.0	28.0	30.0		MC185-C



Conventional C-Connector CACC

Wide Jaw Connectors

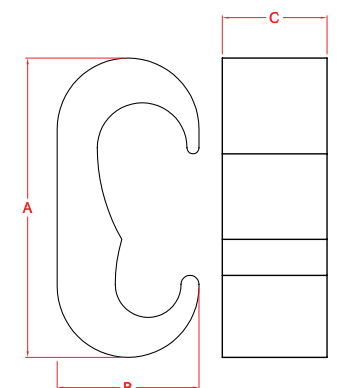
Catalogue No.	Conductor Range mm ² Run or Tap		Dimensions (mm)			Crimp Die 5 Tonne	Crimp Die 13 Tonne 'C'
	Min	Max	A	B	C		
CACD35	10	35	30.0	14.3	19.0	MC35-50	HT130-CC
CACD70	35	70	39.0	19.0	19.0		HT130-CO
CACD120	95	120	52.0	24.0	22.0		HT130-C997
CACD240	150	240	74.0	34.4	28.0		HT130-C1011



Wide Jaw C-Connector CACD

Multifit Connectors

Catalogue No.	Conductor Range mm ² Run Tap				Dimensions (mm)			Crimp Die 13 Tonne 'C'
	Min	Max	Min	Max	A	B	C	
CACE35/70	35	70	10	35	36.0	18.3	19.0	HT130-CO
CACE70/120	95	120	10	70	50.0	23.2	19.0	HT130-C997
CACE70/240	150	240	10	70	62.0	30.9	22.0	HT130-C1011
CACE120/240	150	240	95	120	68.0	33.9	28.0	HT130-C1011



Multifit C-Connector CACE