

BI-METALLIC CABLE CONNECTORS

Our Bi-metallic in line connectors are friction welded from the ETP grade Copper and Aluminium with solid barrier. Aluminium barrel is filled with jointing compound and end is sealed with cap.

TECHNICAL DATA

Aluminium - 99.5% Pure

Copper - 99.5% Pure

Jointing Method - Friction Welding Operating Temperature - 400to 1000c

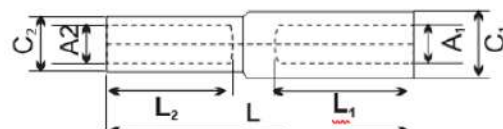
Application

Industrial application for Transition joints High Voltage. Switch gears and grounding systems.

Conductivity

Aluminium - 60% IACS

Copper- 97% IACS



AL CABLE SIZE MM2	CU CABLE SIZE	A1	C1	A2	C2	L1	L2	L	PART NO.	CANDOUR ITEM CODE
		ALUMINIUM		COPPER		AI	CU			
16	10	6	12	4.5	6.2	32	15	60	CI-BC16/10	62500000
25	10	7	12	4.5	6.2	35	15	65	CI-BC25/10	62500001
	16	7	12	6	8.5	35	18	65	CI-BC25/16	62500002
35	16	8	14	6	8.5	40	18	70	CI-BC35/16	62500003
	25	8	14	7	10	40	20	70	CI-BC35/25	62500004
50	25	9	15	7	10	45	20	75	CI-BC50/25	62500005
	35	9	15	8.2	12.5	45	20	75	CI-BC50/35	62500006
70	35	11.2	20	8.2	12.5	45	20	78	CI-BC70/35	62500007
	50	11.2	20	10	14.5	45	21	80	CI-BC70/50	62500008
95	50	13.2	22	10	14.5	47	21	82	CI-BC95/50	62500009
	70	13.2	22	11.5	15	47	23	85	CI-BC95/70	62500010
120	50	14.7	23	10	14.5	47	21	82	CI-BC120/50	62500011
	70	14.7	23	11.5	15	47	23	85	CI-BC120/70	62500012
	95	14.7	23	14	17.4	47	27	90	CI-BC120/95	62500013
150	70	16.3	25	11.5	15	50	23	90	CI-BC150/70	62500014
	95	16.3	25	14	17.4	50	27	92	CI-BC150/95	62500015
	120	16.3	25	15.0	19.4	50	28	92	CI-BC150/120	62500016
185	95	18.3	30	14	17.4	55	27	98	CI-BC185/95	62500017
	120	18.3	30	15.0	19.4	55	28	98	CI-BC185/120	62500018
	150	18.3	30	16.5	21.2	55	30	100	CI-BC185/150	62500019
240	120	21	32	15	19.4	60	28	105	CI-BC240/120	62500020
	150	21	32	16.5	21.2	60	30	108	CI-BC240/150	62500021
	185	21	32	18.5	23.5	60	35	113	CI-BC240/185	62500022
300	150	23.3	34	16.5	21.2	60	30	108	CI-BC300/150	62500023
	185	23.3	34	18.5	23.5	60	35	113	CI-BC300/185	62500024
	240	23.3	34	21.5	27.5	60	40	115	CI-BC300/240	62500025
400	240	26	38.5	21.5	27.5	62	40	123	CI-BC400/240	62500026
	300	26	38.5	24	30.5	62	45	129	CI-BC400/300	62500027
500	300	30	45	24	30.5	65	45	130	CI-BC500/300	62500028
	400	30	45	27.5	38.5	65	50	132	CI-BC500/400	62500029
630	500	35	50	31	42	70	55	142	CI-BC630/500	62500030

