

CCB

Heat shrinkable boots seal and protect multi-conductor cable and conduit breakouts

Features

- Boots for 2, 3, 4, 5 and 6 way cable breakouts
- Strain relief and mechanical protection
- Resistant to fluids and solvents
- Thermoplastic adhesive liner provides complete environmental protection and insulation
- Also available as anti-track medium voltage breakouts and as conductive breakouts
- Continuous Operating Temperature: -55°C to 100°C
- Shrink Temperature: 135°C



Dimensions

ORDER REF. NO.	EXPANDED		RECOVERED		RECOVERED FULL LENGTH	RECOVERED FINGER LENGTH
	BREAKOUT MAIN DIAMETER (MIN) mm	FINGER DIAMETER (MIN) mm	BREAKOUT MAIN DIAMETER (MAX) mm	FINGER DIAMETER (MAX) mm	± 10% mm	± 10% mm
CCB Low Voltage Breakouts						
CCB2 - Two Core Breakouts						
CCB2 33/14	33,0	14,0	10,0	3,0	90,0	20,0
CCB2 50/21	50,0	21,0	22,0	6,7	119,0	35,0
CCB2 77/37	77,0	37,0	38,0	12,7	141,0	42,0
CCB3 - Three Core Breakouts						
CCB3 38/11	38,0	11,0	14,0	4,0	110,0	20,0
CCB3 60/24	60,0	24,0	22,0	8,0	185,0	45,0
CCB3 80/36	80,0	36,0	33,0	16,0	210,0	50,0
CCB3 110/48	110,0	48,0	47,0	20,0	260,0	75,0
CCB3 125/55	125,0	55,0	47,0	20,0	260,0	75,0
CCB3 140/62	140,0	62,0	54,0	27,0	250,0	65,0
CCB4 - Four Core Breakouts						
CCB4 38/15	38,0	15,0	14,0	3,0	105,0	20,0
CCB4 55/20	55,0	20,0	25,0	6,0	180,0	45,0
CCB4 72/25	72,0	25,0	22,0	8,5	190,0	45,0
CCB4 100/35	100,0	35,0	33,0	14,0	215,0	50,0
CCB4 125/45	125,0	45,0	47,0	22,0	245,0	72,0
CCB5 - Five Core Breakouts						
CCB5 60/30	60,0	30,0	24,0	7,5	180,0	30,0
CCB6 - Six Core Breakouts						
CCB6 61/21	61,0	20,5	37,0	9,0	137,0	51,0

Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM-D 638 (M)	10,0 MPa min.
Elongation	ASTM-D 638 (M)	300% min.
Hardness	Internal	40 Shore D min.
Tensile Strength after thermal aging (120°C, 168 hrs)	ISO - 188	9 Mpa min.
Elongation after thermal aging (120°C, 168 hrs)	ISO - 188	250% min.
Water absorption	ISO - 62	1% max.
Dielectric Strength	IEC - 243	12 kV/mm
Dielectric Constant	IEC - 250/ASTM-D 150	5 max.
Resistance to tracking	ASTM-D 2303	N/A
Volume Resistivity	IEC 93	10 ¹² Ω x cm
Flammability	ESI 09-13	Non flame retardant

Standard Colours	Special Colours
CCB black	On Request

Printability	Hot stamp	Ink jet	Offset
	excellent	excellent	excellent

Delivery Units on request

Ordering: **Specify the product name** and the number of cores plus each of the following options:

- 1) Size 2) Colour 3) Total Quantity 4) Printing Options
For example: CCB3 38/11 black, 2.000 pcs., unprinted