

CCB - Crosslinked polyolefin cable breakout boots



Features & Benefits

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

Standard Colours & Colour Codes

Black - 0



Applications

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

Expanded		Recovered		Recovered Full Length	Recovered Finger Length
BREAKOUT MAIN DIAMETER (Min) MM	FINGER DIAMETER (Min) MM	BREAKOUT MAIN DIAMETER (Max) MM	FINGER DIAMETER (Min) MM	± 10% MM	± 10% MM
CCB2 - Two Core Breakouts					
33,0	14,0	10,0	3,00	90,00	20,0
50,0	21,0	22,9	7,50	119,00	34,0
87,0	43,0	38,0	13,0	141,00	42,0
CCB3 - Three Core Breakouts					
38,0	11,0	14,0	4,00	110,0	20,0
60,0	24,0	22,0	8,00	185,0	45,0
80,0	36,0	33,0	16,0	210,0	50,0
110,0	48,0	47,0	20,0	260,0	75,0
125,0	55,0	47,0	20,0	260,0	75,0
CCB4 - Four Core Breakouts					
38,0	11,0	14,0	4,0	110,0	20,0
55,0	20,0	22,0	8,5	190,0	45,0
72,0	25,0	22,0	8,5	190,0	45,0
100,0	35,0	33,0	14,0	215,0	50,0
125,0	54,0	47,0	22,0	245,0	72,0
CCB5 - Five Core Breakouts					
60,0	30,0	24,0	7,5	180,0	30,0
CCB6 - Six Core Breakouts					
61,0	20,5	37,0	9,0	137,0	51,0

Property	Test Method	Typical Performance
Physical		
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

Property	Test Method	Typical Performance
Physical		
Dielectric Constant	IEC - 250/ASTM-D150	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
Raw Material		
Tensile Strength	ASTM-D 638 (M)	10 MPa min.
Dielectric Strength	ASTM-D 638 (M)	300% min.
Hardness	ASTM-D 2240	40 Shore D min.

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