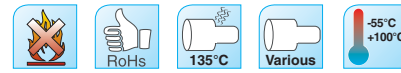


CCBA & CCB-Con - Crosslinked polyolefin cable breakout boots



Features & Benefits

- Strain relief and mechanical protection
- Resistant to common fluids and solvents
- Thermoplastic adhesive liner provides complete environmental protection & insulation
- Continuous Operating Temperature: -55°C to 100°C
- Shrink Temperature: 135°C

CCBA
Reddish - Brown

CCB-Con
Black



Applications

Heat shrinkable boots seal and protect multi-conductor cable and conduit breakouts.
 CCBA = Anti-track medium voltage breakouts
 CCB-Con = Conductive 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

CCBA Anti-Track Medium Voltage Breakouts - Three Core Breakouts only

60,0	24,0	22,0	8,0	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

CCB-Con Conductive Breakouts - Three Core Breakouts only

60,0	24,0	22,0	8,0	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

Property	Test Method	Typical Performance CCBA	Typical Performance CCB-Con	Property	Test Method	Typical Performance CCBA	Typical Performance CCB-Con
Product				Product			
Tensile Strength	ASTM-D 638 (M)	7,0 MPa min.	12,0 MPa min.	Volume Resistivity	IEC 93	10 ⁻¹⁴ Ω x cm	2*10 ⁻¹⁴ Ω x cm
Elongation	ASTM-D 638 (M)	300% min.	300% min.	Flammability	ESI 09-13	non burning	Non flame retardant
Hardness	Internal	32 Shore D min.	40 Shore D min.	Property Test Method Typical Performance Coloured Typical Performance Clear			
Tensile Strength after thermal aging (120°C, 168 hrs)	ISO - 188	6 Mpa min.	10 Mpa min.	Raw Material			
Elongation after thermal aging (120°C, 168 hrs)	ISO - 188	250% min.	250% min.	Tensile Strength	ASTM-D 638 (M)	7 MPa min.	12 MPa min.
Water absorption	ISO-62	1% max.	1% max.	Elongation	ASTM-D 638 (M)	300% min.	300% min.
Dielectric Strength	IEC - 243	12 kV/mm	Conductive	Hardness	ASTM-D 2240	32 Shore D min.	40 Shore D min.
Dielectric Constant	IEC - 250/ASTM-D150	5 max.	Conductive	Printability Hot Stamp Ink Jet Offset			
Resistance to tracking	ASTM-D 2303	no failure by tracking after 1 hour at 2.5 kV, 1 hour at 2.75 kV, 1 hour at 3.0 kV, 20 minutes at 3.25 kV	N/A	Excellent Excellent Excellent			

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: CCBA 60/24, reddish-brown, 2.000 pcs., unprinted