

# Low Voltage Cable Breakout Boots

## ALB



## Description

ALB Cable breakout boots (inner coated with hot melt adhesive) are manufactured from crosslinked polyolefin & have been designed to offer excellent sealing & insulating properties when used on a cable crutch.

## Features

- Excellent UV & environmental resistance
- Adhesive lining offers reliable sealing properties
- Excellent electrical & mechanical properties
- Abrasion resistance
- Available in 2, 3, 4, 5 & 6 cores.

## Technical Data

Properties	Test Methods	Typical Values
Tensile Strength (MPa)	ASTM D 2671	≥ 13
Tensile Strength (after thermal aging MPa)	ASTM D 2671/120°C, 168Hrs	≥ 10
Ultimate Elongation (%)	ASTM D 2671	≥ 300
Ultimate Elongation (after thermal aging %)	ASTM D 2671/120°C, 168Hrs	≥ 250
Dielectric Strength (kV/mm)	IEC 60243	≥ 15 ≥ 20 (6Core)
Volume Resistivity (Ω.cm)	IEC 60093	10 <sup>14</sup>
Water absorption (%)	ISO 62	≤ 1%
Operating Temperature (°C)		-55 to 110
Minimum Shrink Temp. (°C)		110
Min. Full Shrink Temp. (°C)		130



## Dimensions

Size (mm)	D (Body)		I - Large Finger		I2 - Small Finger		Length ±10%		Recovered Wall ±20%		
	Supplied	Recovered	Supplied	Recovered	Supplied	Recovered	L-Total	F-Finger	DW (Body)	Iw (Large Finger)	Iw2 (Small Finger)
<b>2 Cores Cable Breakout</b>											
ALB22/8 - 2	22	8	9	3.5			55	18	2.2	1.8	
ALB30/12 - 2	30	12	14	4.5			93	23	2.6	2.2	
ALB40/16 - 2	40	16	15	5			125	35	2.1	2.1	
ALB60/23 - 2	60	23	25	7.5			118	29	2.6	2.6	
ALB60/23L - 2	60	23	25	7.5			155	45	2.6	2.6	
ALB100/42 - 2	100	42	30	9			155	55	3.1	3.1	
ALB150/75 - 2	150	75	20	6			170	64	3.8	3.8	
<b>3 Cores Cable Breakout</b>											
ALB38/16 - 3	38	17	14	4.5			98	23	2.7	2.7	
ALB60/24 - 3	60	25	25	8			165	50	3	2.5	
ALB80/36 - 3	80	38	35	11			185	55	3.5	3.5	
ALB110/48 - 3	110	50	46	17.5			250	65	4	4	
ALB125/57 - 3	125	57	55	20			260	75	4	4	
ALB140/70 - 3	140	70	62	26			280	75	4	4	
ALB170/77 - 3	170	77	75	28			280	80	4	4	
<b>4 Cores Cable Breakout</b>											
ALB40/15 - 4	42	15	14	3.5			105	26	2.2	2	
ALB55/21 - 4	55	21	20	5			150	40	3.1	2.6	
ALB65/26 - 4	65	26	26	7			175	45	3.3	2.9	
ALB75/26 - 4	75	26	28	7			175	45	3.3	2.9	
ALB82/37 - 4	82	37	30	9			190	60	4	3	
ALB90/37 - 4	90	37	32	9			190	60	4	3	
ALB100/47 - 4	102	47	38	12			198	58	4	3	
ALB125/52 - 4	130	52	52	15			240	75	4	4	
ALB160/70 - 4	160	70	64	19			260	75	4	4	
<b>5 Cores Cable Breakout</b>											
ALB40/19 - 5	40	19	13	4			98	25	2.5	2	
ALB55/24 - 5	55	24	18	5			155	40	3.2	2.6	
ALB80/33 - 5	80	33	26	8			175	53	3	2.8	
ALB100/42 - 5	100	42	34	10			190	60	3	3	
<b>6 Cores Cable Breakout</b>											
ALB86/40 - 6	83	41	31	12	20	8	215	60	3.3	2.9	2.6
ALB130/55 - 6	130	55	53	17	30	12	220	70	3.6	3.1	2.6

NOTE: All dimensions in mm

