

Heat Shrinkable Boots seal and protect multi-conductor cable and conduit breakouts



DIBB Heat Shrinkable Cable Breakout Boots

- Thermoplastic Adhesive Liner provides complete environmental protection and insulation
- Heat Shrinkable Boots for 2, 3 and 4 way cable breakouts
- Continuous operation temperatures : 135⁰ C
- Provides strain relief & Mechanical protection
- Seals and protects multi-conductor cable and conduit breakouts
- Meets ESI 09-11

38
Years of
Experience

34
Countries
Global
Presence

200
Plus Skilled
Manpower

4
World Class
Manufacturing
Facilities

50
Internationally
Approved
Products

DENSONS Heat Shrinkable Terminations and Straight Joints offer unsurpassed technical superiority. Using state-of-the-art manufacturing technology. Densons High Voltage products provide maximum protection against Tracking, Corona Discharge and Dielectric Stresses. Densons High Voltage Products are easily adaptable to cover a broad range of cable sizes, and conforming to various Internationally accepted standards such as **IS, VDE, IEC, IEEE**.

Dimension Chart for Cable Breakout Boots

| Code | Breakout Main Diameter | | Finger Diameter | | Full Length ± 10% (mm) | Finger Length ± 10% (mm) |
|-------------------------|------------------------|----------------|-----------------|----------------|---------------------------|-----------------------------|
| | Expanded (mm) | Recovered (mm) | Expanded (mm) | Recovered (mm) | | |
| 2 Core Breakouts | | | | | | |
| DIBB - 2 33/12 | 33 | 12 | 14 | 4.5 | 90 | 20 |
| DIBB - 2 60/23 | 60 | 23 | 25 | 7 | 120 | 30 |
| 3 Core Breakouts | | | | | | |
| DIBB - 3 38/16 | 38 | 16 | 14 | 4 | 100 | 25 |
| DIBB - 3 60/24 | 60 | 24 | 25 | 8 | 185 | 45 |
| DIBB - 3 80/36 | 80 | 36 | 36 | 12 | 210 | 55 |
| DIBB - 3 110/48 | 110 | 48 | 46 | 16 | 250 | 65 |
| DIBB - 3 125/55 | 125 | 55 | 52 | 20 | 260 | 80 |
| DIBB - 3 140/68 | 140 | 68 | 62 | 25 | 280 | 80 |
| 4 Core Breakouts | | | | | | |
| DIBB - 4 35/12 | 35 | 12 | 16 | 4 | 100 | 25 |
| DIBB - 4 55/25 | 55 | 25 | 25 | 9.4 | 235 | 45 |
| DIBB - 4 68/25 | 68 | 25 | 34 | 9.4 | 235 | 45 |
| DIBB - 4 78/30 | 78 | 30 | 38 | 12 | 235 | 45 |
| DIBB - 4 90/30 | 90 | 30 | 38 | 12 | 235 | 45 |

Note: All Dimensions are in mm

Technical Data:

| Property | Requirements | Test Method |
|---|----------------------------------|-------------|
| Physical | | |
| Tensile Strength | 8 N/mm ² (min.) | ASTM D412 |
| Ultimate elongation | 200% (min.) | ASTM D412 |
| Thermal Aging (168 hrs at 1750 C) Ultimate Elongation | 200% (min.) | ASTM D412 |
| Low Temperature Flexibility (-200C) | No cracking | ASTM D2671 |
| Heat Shock (4 hrs at 2250C) | No dripping, flowing or cracking | ASTM D2671 |
| Flammability | Self ext. within 50 mm | ASTM D2671 |
| Electrical | | |
| Dielectric strength | 10 kV/mm (min.) | ASTM D149 |
| Chemical | | |
| Water Absorption | 0.5 (max.) | ASTM D570 |