



Model Number: SBD-HSSP

Description

- Product: Cross-linked Polyolefin Cable Breakout Boots
- Material: polyolefin
- Shrink temperature: Start at 100°C, and shrink totally at 130°C
- Voltage Rating: up to 35KV
- Color: Black, red, milk-white(only for oil-resistant terminations)

Characteristics

- Shrink ratio accommodates a wide range of cables
- Boots for 2, 3, 4 and 5 way cable
- Strain relief and mechanical protection
- Thermoplastic adhesive liner
- Continuous operating temperature
- Shrink temperature:135°C

Technical Data

Property	Test Method	Standard	
		Insulated Breakout	Oil Resistant Breakout
Operating Temperature	IEC 216	-55°C ~ +100°C	-20°C ~ +100°C
Tensile Strength	ASTM D 2671	≥13MPa	≥12MPa
Elongation(%)	ASTM D 2671	≥300%	≥300%
Tensile Strength After Thermal Aging	ASTM D 2671/ 120 °C, 168hrs	≥11MPa	≥10MPa
Elongation After Thermal Aging	ISO 62	≥210%	≥210%
Water Absorption	ISO 62	≤0.1%	≤0.1%
Volume Resistivity	ASTM D2303	≥1×10 ¹⁴ Ω.m	≥1×10 ¹⁴ Ω.m
Dielectric Strength	IEC 243	≥20kV/mm	≥20kV/mm

Dimension

Specification		As supplied(mm)		Full Length	After Recovery(mm)	
		Breakout Main Diameter	Finger Diameter		Breakout Main Diameter	Finger Diameter
2 Cores Breakout	00#	≥16	≥8	54±3	≤8.5	≤3.5
	0#	≥24	≥12	130±5	≤13	≤5
	1#	≥38	≥20	145±5	≤17	≤7
	2#	≥48	≥25	145±5	≤22	≤10
	3#	≥60	≥35	135±5	≤25	≤11
	4#	≥72	≥40	140±5	≤25	≤11
3 Cores Breakout	-2#	≥24	≥11	140±5	≤16	≤5
	-1#	≥48	≥18	170±5	≤21	≤7
	0#	≥60	≥25	175±5	≤28	≤8
	1#	≥70	≥30	210±5	≤36	≤13
	2#	≥85	≥39	225±5	≤46	≤16
	3#	≥110	≥42	250±5	≤54	≤19
	4#	≥125	≥58	245±5	≤64	≤25
	5#	≥140	≥65	245±5	≤64	≤25
4 Cores Breakout	0#	≥38	≥10	125±5	≤18	≤5
	1#	≥50	≥16	135±5	≤25	≤7
	2#	≥70	≥23	180±5	≤32	≤9
	3#	≥80	≥30	210±5	≤45	≤13
	4#	≥90	≥35	210±5	≤45	≤13
	5#	≥109	≥42	235±5	≤54	≤18
5 Cores Breakout	0#	≥42	≥11	155±5	≤21	≤5
	1#	≥55	≥15	170±5	≤29	≤7
	2#	≥70	≥23	170±5	≤38	≤9
	3#	≥90	≥30	180±5	≤50	≤13
	4#	≥120	≥39	205±5	≤48	≤14

Other sizes are available upon request.