

Adhesive-Lined Heat Shrink Cable Breakout



Model: HSCB

Material: Polyolefin

Shrink temperature: Start at 100°C, and shrink totally at 130°C

Voltage Rating: 3 Voltage Grades (1kV, 10kV, 35kV)

Color: black, red, milk-white(only for oil-resistant terminations)

Application:

Suitable for termination kits for PVC, XLPE, and PILE Cable.

Technical Data

Property	Test Method	Standard Value	
		Insulation 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	≥11MPa	≥10MPa
	120°C/168hrs		
Elongation after thermal aging	ASTM-D-2671	≥230%	≥230%
	120°C/168hrs		
Water absorption	ISO 62	≤0.1%	≤0.1%
Volume resistance	IEC 93	≥1×10 ¹⁴ Ω.cm	≥1×10 ¹⁴ Ω.cm
Oil resistance	ASTM-D-2671	--	≥10MPa
Tensile strength after dipping	70#cable oil/168hrs	--	≥10MPa
Oil resistance	ASTM-D-2671	--	230%
Elongation at break after dipping	70#cable oil/168hrs	--	230%

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Dielectric strength	IEC 243	≥20kV/mm	≥20kV/mm
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Specifications

Part NO.		Breakout main diameter		Finger diameter		Full length (mm)	Finger length (mm)
		As supplied (mm)	After recovery (mm)	As supplied (mm)	After recovery (mm)		
2 cores breakout	HSCB2-25/11	≥25	≤11	≥10	≤5	135±5	55±5
	HSCB2-30/13	≥30	≤13	≥16	≤7	145±5	60±5
	HSCB2-40/15	≥40	≤15	≥20	≤9	145±5	65±5
	HSCB2-50/17	≥50	≤17	≥25	≤11	140±5	60±5
3 cores breakout	HSCB3-27/17	≥27	≤17	≥12	≤5	130±5	50±5
	HSCB3-50/22	≥50	≤22	≥19	≤7	165±5	60±5
	HSCB3-60/28	≥60	≤28	≥24	≤8	170±5	65±5
	HSCB3-70/36	≥70	≤36	≥29	≤13	215±5	80±5
	HSCB3-90/45	≥90	≤45	≥40	≤15	220±5	90±5
	HSCB3-105/53	≥105	≤53	≥44	≤18	225±5	90±5
4 cores breakout	HSCB4-40/18	≥40	≤18	≥10	≤5	130±5	55±5
	HSCB4-50/24	≥50	≤24	≥15	≤7	150±5	55±5
	HSCB4-70/32	≥70	≤32	≥24	≤9	175±5	75±5
	HSCB4-80/44	≥80	≤44	≥30	≤12	195±5	75±5
	HSCB4-95/44	≥95	≤44	≥35	≤12	200±5	80±5
5 cores breakout	HSCB5-40/21	≥40	≤21	≥10	≤5	150±5	55±5
	HSCB5-55/29	≥55	≤29	≥15	≤7	170±5	65±5
	HSCB5-70/38	≥70	≤38	≥24	≤9	175±5	65±5
	HSCB5-90/49	≥90	≤49	≥30	≤12	190±5	80±5

Other sizes are available upon request.