

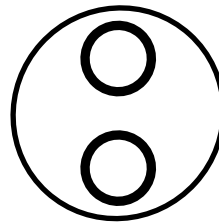
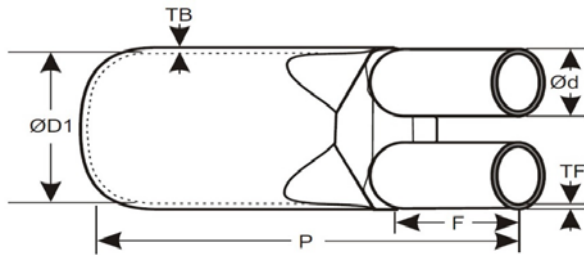
# Two Way LV Cable Breakout



## EB2

Heat Shrinkable 2-way Cable Breakout provides an environmental seal to the crutch of plastic and paper insulated cables, rated up to 1.1kV. The Breakout is made from thermally stabilised, cross linked, polymeric material.

The Breakouts are internally coated with hot melt adhesive.



\*Drawing depicts typical dimensions

*D, d – Internal Diameter without Adhesive Coating | E – As Supplied | S – After Free Recovery*

### PRODUCT DIMENSIONS – EB2 Series (all dimensions are in mm)

CODE & SIZE	D		d		P		F		TB	TF
	E	S	E	S	E	S	E	S	S	S
	Min	Max	Min	Max					Nom.	Nom.
EB2-30-10	30	11	12	5	65	95	18	28	2.5	2.2
EB2-50-24	50	24	21	7	85	120	25	30	3.0	2.5
EB2-90-45	90	45	43	15	140	190	50	70	2.5	2.5
EB2-115-40	115	40	53	15	140	190	50	70	2.5	2.5

### MATERIAL SPECIFICATIONS

CHARACTERISTIC	VALUE	TEST METHOD
<b>Physical Properties</b>		
Water Absorption	<0.2%	IEC 62329-2 / ASTM D-570
Tensile Strength	≥21 MPa	IEC 62329-2 / ASTM D-412
Ultimate Elongation	500%	IEC 62329-2 / ASTM D-412
Longitudinal Change	10% (max)	-
Shrink Ratio	≥ 3:1	-
Hardness	45 ± 5 Shore D	ASTM D-2240 / ISO 868
Density	1g/cm <sup>3</sup> +/1-10%	IEC 62329-2 / ASTM D-1505
Bending at -30°C	No Cracks	IEC 62329-2
<b>Thermal Ageing Tests (150°C for 168 hours)</b>		
Ultimate Elongation	>200%	IEC 62329-2 / ASTM D-412
Tensile Strength	≥18 MPa	IEC 62329-2 / ASTM D-412
<b>Electrical Properties</b>		
Dielectric Constant	>4	IEC 60250 / ASTM D-150
Dielectric Strength	≥10kV/mm	IEC 60243 / ASTM D-149
Volume Resistivity	≥1x10 <sup>15</sup> Ohm-cm	IEC 60093 / ASTM D-229
<b>Chemical Properties</b>		
Fungus Resistance	Rate 1	ASTM D - 2671
Corrosion	None	ISO 846 Method A

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DATA SHEET

EB2 23V1