

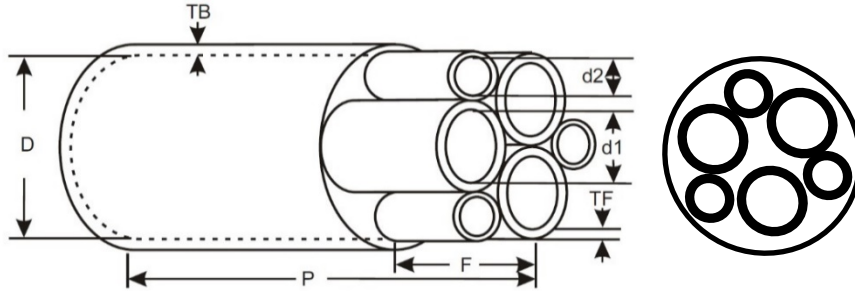
Six Way LV Cable Breakout



EB6

Heat Shrinkable 6-Way Cable Breakout provides an environmental seal to the crutch of 6 core plastic and paper insulated cables, rated up to 1.1kV. The Breakout is made from thermally stabilised, cross linked, polymeric material.

The Breakout is 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 – EB6 Series (all dimensions are in mm)

CODE & SIZE	D		D1/d1		D2/d2		P		F		TB	TF
	E	S	E	S	E	S	E	S	E	S	S	S
	Min	Max	Min	Max	Min	Max	E	S	E	S	Nom.	Nom.
EB6-115-54	115	54	54	20	31	13	167	190	55	60	4.3	3.0

MATERIAL SPECIFICATIONS

CHARACTERISTIC	VALUE	TEST METHOD
Physical Properties		
Water Absorption	0.2%	ASTM D – 570/ISO 62
Tensile Strength	≥21 MPa	EN 60684 – 2
Ultimate Elongation	400% (min)	ASTM D – 412 / ISO 37
Longitudinal Change	10% (max)	-
Longitudinal Shrinkage	≥ 3:1	-
Hardness	43 ± 3 Shore D	ASTM D – 2240 / ISO 868
Density	1.05 ± 0.2 g/cm ³	ASTM D – 1505 / D=M/V
Bending at -30°C	No Cracks	EN 60684 – 2
Thermal Ageing Tests (150°C for 168 hours)		
Ultimate Elongation	300% (min)	ASTM D – 2 / EN 60684 – 2
Tensile Strength	≥18 MPa	ASTM D – 2 / EN 60684 – 2
Electrical Properties		
Dielectric Constant	5 (max)	ASTM D – 150 / IEC 250
Dielectric Strength	≥12kV/mm (min)	ASTM D – 149 / IEC 243
Volume Resistivity	1x10 ¹³ Ohm-cm (min)	ASTM D – 257 / IEC 93
Chemical Properties		
Fungus Resistance	Rate 1	ASTM D - 2671
Corrosion	None	ISO 846 Method A

DATA SHEET

EB6 18/01

