

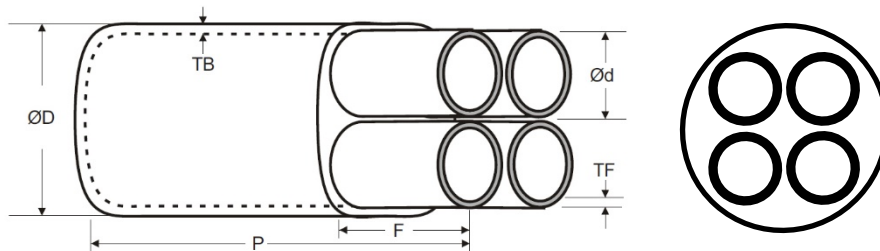
Four Way LV Cable Breakout



EB4

Heat Shrinkable 4-way Cable Breakout provides an environmental seal to the crutch of 4 core plastic and paper insulated cables, rated up to 1.1kV. The Breakout is made from thermally stabilised, cross linked, polymeric material.

The Breakout are internally coated with mastic / hot melt adhesive.



*Drawing depicts typical dimensions

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

PRODUCT DIMENSIONS – EB4 Series (all dimensions are in mm)

CODE & SIZE	D		d		P		F	TB	TF
	E	S	E	S	E	S	E	S	S
	Min	Max	Min	Max					
EB 4 28 09	28	9	8	2	55 - 58	77 - 80	15 - 17	2.2	1.7
EB 4 35 15	35	15	13	4	80 - 83	102 - 105	20 - 23	2.5	1.8
EB 4 47 23	47	23	20	8	130 - 133	167 - 170	35 - 38	4.0	3.0
EB 4 60 25	60	25	25	8	150 - 153	186 - 194	32 - 35	4.2	2.5
EB 4 78 36	78	36	30	12	170 - 173	218 - 222	42 - 44	3.9	3.0
EB 4 95 36	95	36	35	14	170 - 173	220 - 222	49 - 53	3.5	3.0
EB 4 117 36	117	36	46	14	170 - 173	220 - 222	49 - 53	3.5	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

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