

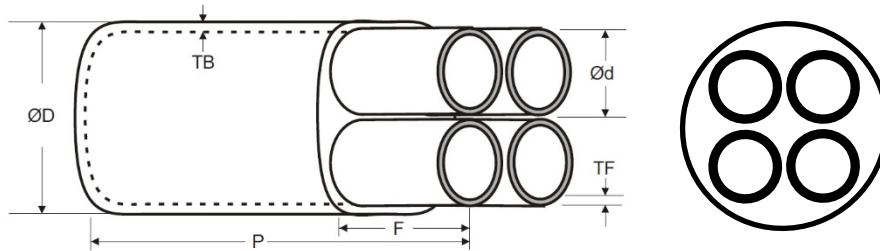
Four Way LV Cable Breakout



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					
EB4-28-09	28	9	8	2	55	80	15	2.2	1.7
EB4-35-15	35	15	13	4	80	105	20	3.5	1.8
EB4-47-23	47	23	20	8	130	170	35	4.0	3.0
EB4-60-25	60	25	25	8	150	194	32	4.5	2.5
EB4-78-36	78	36	30	12	170	222	42	3.9	3.0
EB4-95-36	95	36	35	14	170	225	49	3.5	3.0
EB4-150-55	150	55	55	21	190	250	50	4.5	3.0

MATERIAL SPECIFICATIONS

CHARACTERISTIC	VALUE	TEST METHOD
Physical Properties		
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)	-
Longitudinal Shrinkage	10% max	-
Hardness	43 ± 5 Shore D	ASTM D-2240 / ISO 868
Density	1g/cm ³ +/1-10%	IEC 62329-2 / ASTM D-1505
Bending at -30°C	No Cracks	IEC 62329-2
Thermal Ageing Tests (150°C for 168 hours)		
Ultimate Elongation	>300%	IEC 62329-2 / ASTM D-412
Tensile Strength	≥18 MPa	IEC 62329-2 / ASTM D-412
Electrical Properties		
Dielectric Constant	>5	IEC 60250 / ASTM D-150
Dielectric Strength	≥12kV/mm	IEC 60243 / ASTM D-149
Volume Resistivity	≥1x10 ¹³ Ohm-cm	IEC 60093 / ASTM D-229
Chemical Properties		
Fungus Resistance	Rate 1	ASTM D - 2671
Corrosion	None	ISO 846 Method A

REPL reserve the right to update the information contained in this document at any time without notice. It is the users responsibility to ensure it is suitable for the intended application. Any implied warranty relating to fitness for a particular purpose are explicitly excluded unless agreed in writing by REPL.

©REPL 2023



DATA SHEET

EB4 23V2