



A CRH COMPANY

# LOW VOLTAGE BRANCH JOINTS



Filoform Low Voltage Resin Branch Cable Joints are tested in accordance with DIN EN 50393 (VDE0278:393):2006-11, and are designed for use on XLPE/EPR/PVC/PILC and PICAS cables. The range is available complete with Armour Earth Kit and Mechanical Connectors 1.5mm<sup>2</sup> to 300mm<sup>2</sup> 4 core.

The P2654 Polyurethane Resin is a high quality product, tested to >20kV/mm, with a performance temperature range of -25C to +120C.

The P2654 has a Gel Time of 14 minutes, and a shelf life of 36 months from date of manufacture.

Type Tested	DIN EN 50393 :2006-11
Temperature Range	-10°C to 120°C
Voltage	600/1000 volts
Cable Range	1.5mm <sup>2</sup> to 300mm <sup>2</sup> 4 Core
Resin Type	Polyurethane (Epoxy available)
Armour Earth Kit	Insulated Braid and CF Springs
Connectors	Mechanical Connectors supplied as standard
Country of Origin	United Kingdom

Resin Type Test	IEC 60455-3-8:2013
Resin Hardness	Shore D (41) EN ISO 868
Diaelectric Strength	>20kV/mm
Colour	Black
Mixing Time	2 Minutes
Tensile Strength	MPa 7.07 EN ISO 527
Elongation at break	40% EN ISO 527
Pack Sizes Available	200/450/750/1200/2000ml

- High Hydrolysis Resistance
- Cut or Uncut Mains
- Main/Service Branch Kit

Product Code	Min Cable O/D	Max Cable O/D	Shell Dimensions	Shell Type
MB6	Ø12	Ø24	220 x 76	Injection Moulded
MB16	Ø9	Ø25	335 x 120	Injection Moulded
MB35	Ø8	Ø30	420 x 135	Injection Moulded
MB70	Ø15	Ø40	485 x 120	Injection Moulded
MB120	Ø20	Ø55	655 x 165	Injection Moulded
MB300	Ø65	Ø75	900 x 220	Vacuum Formed

All dimensions in mm