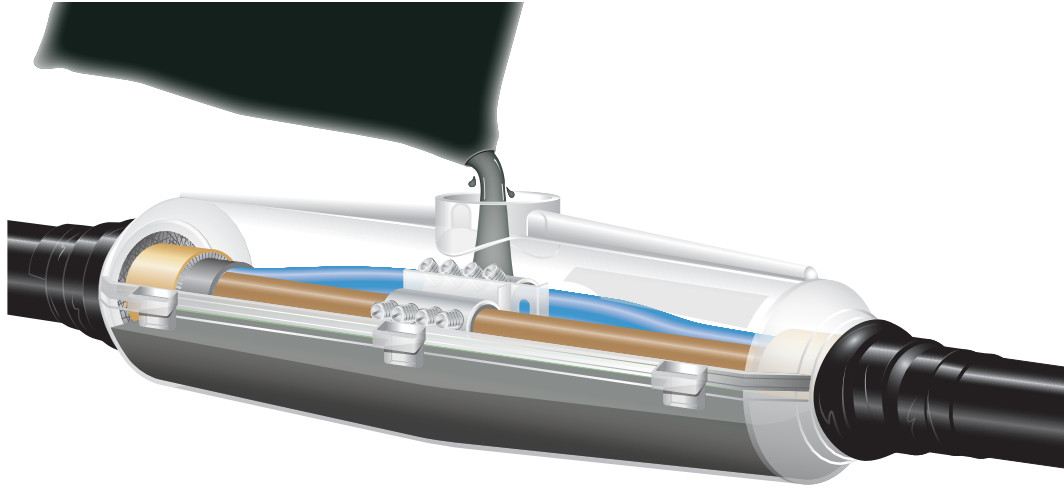


LOW VOLTAGE STRAIGHT JOINTS



Filoform Low Voltage Resin Straight 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 1.5mm² to 400mm² 4 core.

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

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 (3.3kV with upgrade)
Cable Range	1.5mm ² to 400mm ² 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
- Transition XLPE/PILC
- 3.3kV with Supplementary Kit

Product Code	Min Cable O/D	Max Cable O/D	Shell Dimensions	Shell Type
CM0 / STRAIGHT 6	Ø5	Ø20	200 x Ø35	Injection Moulded
CM1 / STRAIGHT 16	Ø8	Ø30	250 x Ø45	Injection Moulded
CM2 / STRAIGHT 25	Ø10	Ø34	320 x Ø60	Injection Moulded
CM2.5 / STRAIGHT 35/70	Ø26	Ø53	355 x Ø72	Injection Moulded
CM3 / STRAIGHT 95	Ø30	Ø48	450 x Ø75	Injection Moulded
CM4 / STRAIGHT 120	Ø37	Ø67	547 x Ø108	Injection Moulded
CM5 / STRAIGHT 185	Ø46	Ø82	700 x Ø140	Vacuum Formed
CM6 / STRAIGHT 300	Ø45	Ø70	800 x Ø160	Vacuum Formed
CM7 / STRAIGHT 400	Ø70	Ø105	1345 x Ø155	Vacuum Formed

All dimensions in mm

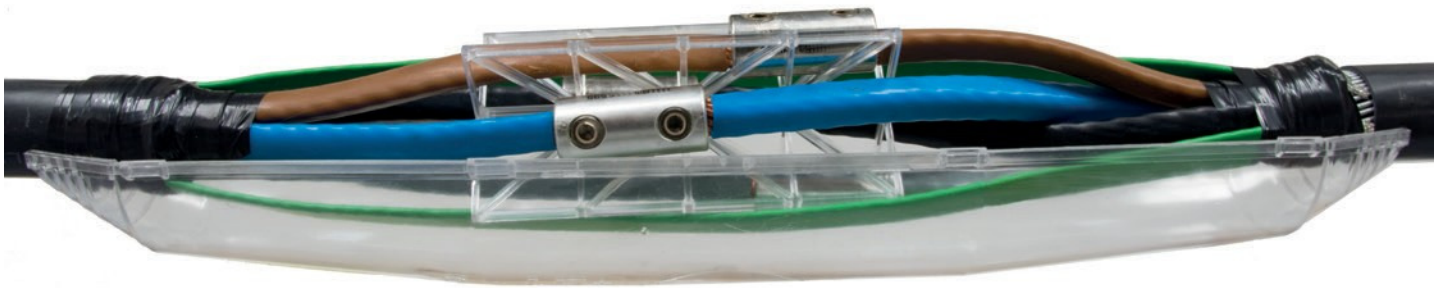
Straight connection joint



The Filoform range of cast resin Straight Joints are approved in accordance with DIN EN 50393 (VDE 0278:393):2006-11, and are suitable for use with both armoured and unarmoured cables up to and including 1kv. The joints are suitable for use on most cable types, including PILC, XLPE, PVC and EPR, and can be supplied complete with armour earth kit and mechanical connectors as standard.

The standard Straight Joints can be upgraded to suit 3.3kv by using a separate supplementary kit.

Designed for UK armoured cables to allow plenty of room to work.



****Image shown 95mm 4 core SWA cross cored connection****

Item number	Description	Cable Diameter (mm)	Dimensions (mm)
CM0/ST6 PAD's No. 055/014007 ST6	Straight 6 (Injection Moulded)	Ø 5 - 20	L200 x Ø35
CM1/ST16 PAD's No. 055/014013 ST16	Straight 16 (Injection Moulded)	Ø 8 - 30	L250 x Ø45
CM2/ST25 PAD's No. 055/014012 ST25	Straight 25 (Injection Moulded)	Ø 10 - 34	L320 x Ø60
CM3/ST95 PAD's No 055/014006 ST95	Straight 95 (Injection Moulded)	Ø 30 - 48	L450 x Ø75
CM4/ST120 PAD's No. 055/014015 ST95/120	Straight 120 (Injection Moulded)	Ø 37 - 67	L547 x Ø108

- Type tested according to: EN 50393:2006-11
- Hydrolysis resistant polyurethane resin in a transparent 2 component bag
- Strong transparent shells
- Fully waterproof, no resin leakage
- Cable spacers included
- Complete kit, sealing tape, sandpaper, and protective gloves also included
- Quick and easy installation
- Connectors and earthing kits available on request
- Type tested according to: IEC 60455-3-8:2013

Features