



Cable jointing solutions

Cablecraft Cable jointing solutions include straight and branch joints, sealed junction boxes, low voltage industrial and universal cable jointing. We also offer a range of jointing accessories for use with our kits.



Cable joints

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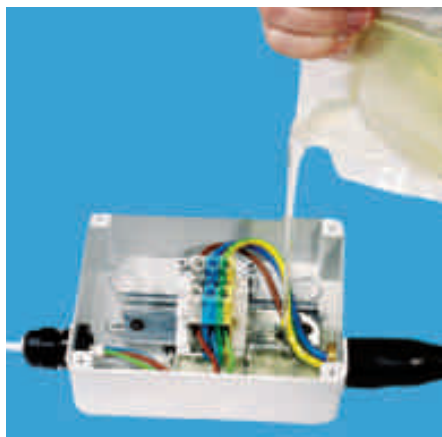
GelSeal insulating gel

GelSeal is a re-enterable insulating clear gel, designed for the protection of electrical and electronic enclosures, boxes, terminal blocks, trunking, pipes and mechanical parts against water, moisture, dirt, dust and mechanical shock.

GelSeal's shock dampening characteristics, as well as its dielectric and self healing properties make it most suitable in hostile environments. It forms an environmental shield around anything it encases and can be used as a potting compound to keep dirt and corrosion out of critical areas. It can also be used as a sealant where periodic re-entry for inspection or repair is required. GelSeal can also be used to reinforce fatigue on conductors due to vibration.

KEY FEATURES

- Non-toxic
- Re-enterable
- Long shelf life
- High dielectric properties
- High level of adhesion
- IP68 protection against water, moisture, dust and dirt
- Easy-mix twin pack resin for added safety
- Mix time 2 minutes, working time 15 minutes



GelSeal's hydrophobic properties cause it to repel water, helping to keep the encased object clean, dry and corrosion free. It can be cured and used as a cushion into which sensitive components may be imbedded for protection from corrosion and vibration. It is ideal for sealing the contents of boxes and cabinets from the effects of corrosive atmospheric elements. GelSeal is also used as an insulator between two close set conductors on low voltage applications.

GelSeal insulating gel

Part number	Description	Pack quantity
GEL-SEAL	Re-enterable GelSeal - 200ml	1
GEL-SEAL 1	Re-enterable GelSeal - 1 litre	1

TDM cable joint kits

The TDM Box is designed for fast and reliable installation environments exposed to moisture, inclement weather, dust and many aggressive industrial situations. It does not require gel or resin due to its exclusive system that guarantees a high degree of sealing (IP68). Re-opening is possible, whenever it is needed, enabling connections to be added or modified.

KIT CONTENTS

- 1 box, 1 lid
- 1 rubber moulding for 4 cables
- 4 small cable ties, 1 big cable tie
- 1 lubricant gel box
- 1 instruction manual

KEY FEATURES

- Liquid and dust proof (IP68)
- Gel or resin is not required
- Acids and putrefaction resistant
- Resistant to Ultra Violet radiation
- Re-enterable
- IP68 protection against water, moisture, dust and dirt

Simple and fast waterproof mounting makes it an optimal solution for connections, derivation or cable repair. TDM waterproof boxes with a screwed dome are available in two sizes to quickly and safely connect power or control signal cables from 6 to 25mm outside diameter.



How to install the TDM cable joint



TDM cable joints

Part number	Dimensions (mm)	Conductor size (mm ²)	Cable Diameter (mm)	Pack qty
TDM1	165 x 70	3 x 1.5 to 5 x 2.5	6 - 14	1
TDM2	275 x 70	3 x 1.5 to 5 x 16	6 - 25	1



CABLECRAFT Label Shop

Custom label and marking solutions



**Laser Engraving
Service**



**Label Printing
Service**



Our pre-print and engraving experts excel in producing high quality identification solutions from a wide range of materials. We offer a fast, efficient and flexible service including fast turnaround and competitive pricing!

- Custom Stainless Steel & Heatshrinkable Cable Markers
- Custom Pre-Printed Laser engraved labels
- Custom Pre-Printed Thermo-Mark Cable Markers
- Custom Pre-Printed DIN Rail Terminal Markers



See p.188 for more details

Smart-Joint cable joints

The Smart-Joint is a cable joint which is pre-filled with an insulating and waterproof filling mass. It is suitable for cable diameters up to 15.7mm and can be used inside and outside as well as underground. Ready to use, the Smart-Joint is supplied 'pre-filled' with the insulating filling mass for quick and easy installation. The double branch-off joint is provided with 4 pre-installed connectors and one earth connector.

KEY FEATURES

- Environmentally friendly
- Fully sealed for water penetration
- Indefinite shelf life
- Provided with cable clamps
- Provided with 2 holes for easy fixation
- Excellent for use with twin and earth applications

SPECIFICATIONS

Service temperature range
-25°C to +70°C

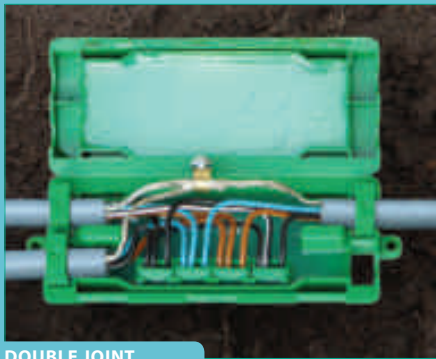
IP rating
IP 68 in accordance with EN 60529: 1989 + A1: 1999

Approvals
CE approved

Joint types available



STRAIGHT JOINT



DOUBLE JOINT

Smart-Joint cable joints

Part number	Description	Dimensions	Suitable for cable dia. (mm)	Cable capacity (mm²)	Pack quantity
SMART JOINT	Straight joint	170 x 45 x 34	5 - 15.7	2 x 2.5	1
SMART JOINT 1	Double joint	190 x 73 x 37	5 - 15.7	4 x 2.5	1

Snaplock straight cable joints

Straight Joints are ideal for use in telecommunications and signalisation, underground, above ground and under water. They are designed for UK armoured cables and afford plenty of room to work. They can be customised to suit individual requirements. All sizes come complete with earth kit and sizes up to 50mm² include connectors.



KEY FEATURES

- Easy to assemble
- Easy-mix twin pack resin for added safety
- Sufficient resin provided - no need to top up
- Long shelf-life
- Strong transparent shells - snap together, no resin leakage

SPECIFICATIONS

Voltage
1KV (1000v)

Standards
Certified to BS-EN 50393: 2006
DIN EN 50393 (VDE 0278-393): 2006-11



Snaplock straight cable joints

Part number	Joint length (mm)	Joint diameter (mm)	Cable diameter (mm)	Resin content	Pack quantity
JK1.5-6	200	35	5-20	200 ml	1
JK10-16	250	45	8-30	450 ml	1
JK25-70	355	72	26-53	1.1 litres	1
JK70-95	450	75	30-48	1.7 litres	1
JK95-120	547	108	37-67	3.3 litres	1
JK150-185	645	135	62-68	8.45 litres	1
JK240-300	810	155	48-88	9.5 litres	1

SELECTION GUIDE FOR STRAIGHT AND BRANCH JOINTS

For cable size 1.5 - 35mm ²				For cable size 50- 300mm ²		
Cable size (mm ²)	Number of cores	Straight joint	Branch joint	Cable size (mm ²)	Number of cores	Straight joint
1.5	2	JK1.5-6	JKB1.5-6	50	2	JK25-70
	3	JK1.5-6	JKB1.5-6		3	JK25-70
	4	JK1.5-6	JKB1.5-6		4	JK25-70
2.5	2	JK1.5-6	JKB1.5-6	70	2	JK25-70
	3	JK1.5-6	JKB1.5-6		3	JK25-70
	4	JK1.5-6	JKB1.5-6		4	JK25-70
4	2	JK1.5-6	JKB1.5-6	95	2	JK95-120
	3	JK1.5-6	JKB1.5-6		3	JK95-120
	4	JK1.5-6	JKB1.5-6		4	JK95-120
6	2	JK1.5-6	JKB1.5-6	120	2	JK95-120
	3	JK1.5-6	JKB1.5-6		3	JK95-120
	4	JK1.5-6	JKB1.5-6		4	JK95-120
10	2	JK10-16	JKB10-16	150	2	JK150-185
	3	JK10-16	JKB10-16		3	JK150-185
	4	JK10-16	JKB10-16		4	JK150-185
16	2	JK10-16	JKB10-16	185	2	JK150-185
	3	JK10-16	JKB10-16		3	JK150-185
	4	JK10-16	JKB10-16		4	JK150-185
25	2	JK25-70	JKB25-35	240	2	JK240-300
	3	JK25-70	JKB25-35		3	JK240-300
	4	JK25-70	JKB25-35		4	JK240-300
35	2	JK25-70	JKB25-35	300	2	JK240-300
	3	JK25-70	JKB25-35		3	JK240-300
	4	JK25-70	JKB25-35		4	JK240-300

Snaplock branch cable joints

Snaplock branch joints are ideal for use in telecommunications and signalisation, underground, above ground and under water. They are designed for UK armoured cables and afford plenty of room to work. They can be customised to suit individual requirements. Complete with connectors.

KEY FEATURES

- Easy to assemble
- Easy-mix twin pack resin for added safety
- Sufficient resin provided - no need to top up
- Long shelf-life
- Strong transparent shells - snap together, no resin leakage

SPECIFICATIONS

Voltage
1KV (1000v)

Standards
Certified to BS-EN 50393: 2006

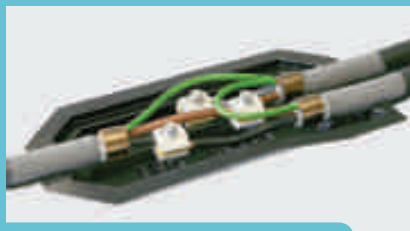
Snaplock branch cable joints

Part number	Joint length (mm)	Joint width (mm)	Cable entry (mm)	Suitable for cable dia. (mm)	Resin content	Pack quantity
JKB1.5-6	220	76	10 - 22	1.5 - 6	450 ml	1
JKB10-16	235	75	15 - 25	10 - 16	1 litre	1
JKB25-35	360	100	15 - 30	25 - 35	2 litres	1

Shell types available



SNAPLOCK SHELL JKB1.5-6



LARGER SHELL JKB10-16 & JKB25-35

Cable jointing accessories

Line taps for branch joints

A selection of line taps for use with branch joints.

Part number	Conductor size mm ²	Pack qty
LT10	10	1
LT16	16	1
LT35	35	1



Brass mechanical connectors

Brass mechanical connectors for use with straight resin joint kits from 1.5-120mm².

Part number	Conductor size mm ²	Pack qty
MC1/0	1.5 - 6	1
MC1/1	10 - 16	1
MC1/2	25 - 35	1
MC1/3	35 - 120	1



Aluminium mechanical connectors

Aluminium mechanical connectors for use with straight resin joint kits from 50-300mm².

Part number	Conductor size mm ²	Pack qty
MC50-95	50 - 95	1
MC95-185	95 - 185	1
MC185-300	185 - 300	1



Insulated connectors

Insulated connectors accept multicore cables for use in resin joint kits from 1.5-120mm².

Part number	Conductor size mm ²	Pack qty
IMC10	1.5 - 10	1
IMC25	10 - 25	1
IMC50	25 - 50	1

