

# 3M™ Cable Joints

Low voltage BK Series jointing kits including armour continuity system



## BK Jointing Kit Components



Each BK jointing kit comprises of:

- No. 47 Resin
- Polypropylene Mould
- Scotch 23 Rubber Self-Amalgamating Tape
- Plastic Gloves
- Constant Force Springs
- Copper Braid
- Comprehensive Instruction Sheet

## Safer cable jointing

- Closed Mix System
- Conforms to BS7888 (HD623)

## Faster and easier

- Self-amalgamating tape gives ease of handling when insulating connectors
- Excellent flow characteristics - eliminating any risk of air voids
- Short curing time
- Simple step-by-step user instructions

## More reliable

- Tough, polyetherurethane power jointing resin - at least equal to the strength of the cable
- Transparent resin bag - ensures reliable mixing and installation
- Self-amalgamating tape provides high insulation value

**3M** Innovation



## BK Jointing Kit specification

- 600/1000V
- Suitable for PVC, XLPE, and rubber insulated cables
- The BK Series is designed for low voltage armoured cable
- The BK Series joints meet the VDE 0278, HD623 Part 2 and BS7888 Part 2 specifications

### BK Joint Kit Selection Chart

Low Voltage Jointing Kits including Armour Continuity PVC/PVC/SWA/PVC and XLPE/PVC/SWA/PVC 0.6/1kV

Nominal Area of Conductor mm <sup>2</sup>	Number of Cores	3M Kit Reference	Nominal Area of Conductor mm <sup>2</sup>	Number of Cores	3M Kit Reference
1.5	2	BK1	95	1	BK2
	3	BK1		2	BK4
	4	BK1		3	*
2.5	2	BK1	120	4	*
	3	BK1		1	BK3
	4	BK1		2	*
4	2	BK1		3	*
	3	BK1		4	*
6	4	BK2	150	1	BK3
	2	BK2		2	*
	3	BK2		3	*
10	4	BK2		4	*
	2	BK2	185	1	BK3
	3	BK2		2	*
16	4	BK2		3	*
	1	BK2		4	*
25	2	BK2	240	1	BK4
	3	BK3		2	*
	4	BK3		3	*
35	1	BK2		4	*
	2	BK3	300	1	BK4
	3	BK4		2	*
50	4	BK4		3	*
	1	BK2		4	*
70	2	BK3	400	1	BK4
	3	BK4		2	*
	4	BK4		3	*
	1	BK2		4	*
	2	BK3	500	1	*
	3	BK4		1	*
	4	BK4	630	1	*
	1	BK2		1	*
	2	BK3	800	1	*
	3	BK4		1	*
	4	BK4	1000	1	*
	1	BK2		1	*
	2	BK3			
	3	BK4			
	4	BK4			

\* For these combinations please refer to Branch Staff

Additional 3M Resin Cable Joint:  
3M 90-Series - Resin No. 47  
(Armour Continuity not included)

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