

Scotchcast LB Series Kit Selection Chart

Branch Joint for PVC/PVC/SWA/PVC & XLPE Insulated Cables 0.6/1kv

Kit Includes two-part mould, polyetherurethane Resin No. 1471 (Closed Mix and pour system), armour continuity, tape, and full instructions.

This kit can be upgraded for use with 3.3kv Cables, by using additional 23 Insulating tape

Use combination of conductor size / number of cores to select Kit type from the chart below.

| MAIN CABLE | | SERVICE BRANCH | KIT REF | RESIN VOLUME | CABLE DIAMETER (MM) | | | |
|------------------------------|--------------|------------------------------|---------|--------------|---------------------|-----|--------|-----|
| NOMINAL CONDUCTOR AREA (MM2) | NBR OF CORES | NOMINAL CONDUCTOR AREA (MM2) | | | MAIN CABLE | | BRANCH | |
| | | | | | MIN | MAX | MIN | MAX |

| | | 2 Core | 3 Core | 4 Core | | cc | Grammes | Litres | | | | |
|-----------|-------|-----------|-----------|-----------|-------------|------|---------|--------|----|----|----|----|
| 1.5 - 2.5 | 2 - 4 | 1.5 - 2.5 | 1.5 - 2.5 | 1.5 - 2.5 | LB21 | 234 | 260 | 0.238 | 10 | 24 | 10 | 24 |
| 4 - 10 | 2 - 4 | 1.5 - 10 | 1.5 - 6 | 1.5 - 4 | LB22 | 450 | 500 | 0.457 | 16 | 26 | 10 | 24 |
| 16 - 35 | 2 - 4 | 1.5 - 25 | 1.5 - 25 | 1.5 - 16 | LB23 | 1441 | 1600 | 1.464 | 23 | 42 | 13 | 32 |
| 50 - 70 | 2 - 4 | 1.5 - 70 | 1.5 - 70 | 1.5 - 50 | LB24 | 3784 | 4200 | 3.843 | 30 | 50 | 17 | 42 |
| 95 - 185 | 2 - 4 | 50 - 185 | 50 - 120 | 50 - 95 | LB25 | 6314 | 7008 | 6.412 | 36 | 58 | 34 | 50 |

Mechanical connectors are recommended for these joints, these are currently not available from 3M

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