

Low Voltage Industrial Cable Joint

(Excludes Connectors)

MPJEM



Low Voltage Industrial Straight Joints- 600-1000V. Suitable for use with SWA cables to BS5467, BS6346 and IEC502 with polymeric insulation and copper conductors from 1.5mm² to 400mm².

Features and benefits

- Tested and approved to BS EN 50393 and ENATS TS C81/3.
- Includes a constant force spring armour bond.
- Utilizes Prysmian's Low hazard isocyanate free JEM resin.
- Utilizes Compact joints shells which minimizes the joint footprint.
- Requires compression connectors (sold separately)

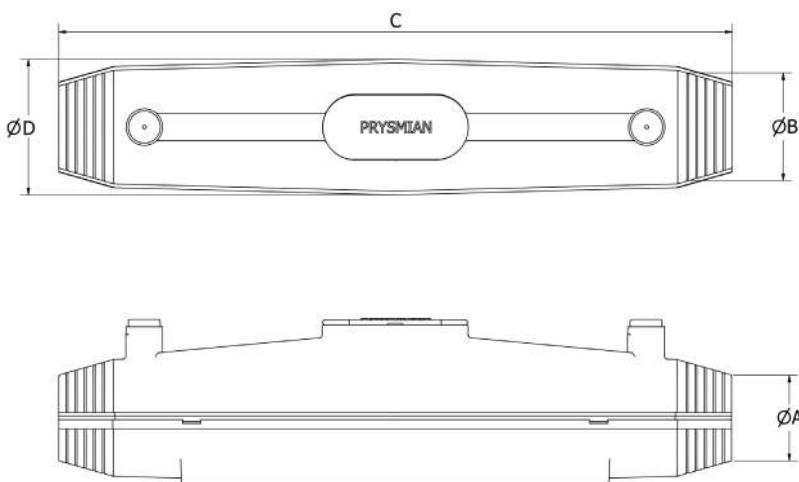


Technical Data

| Nominal Conductor Cross Section (mm ²) | Joint Selection | | | | Connector |
|---|-----------------|------------|-----------|-----------|------------|
| | Two Core | Three Core | Four Core | Five Core | |
| 1.5 | MPJEMJ1 | MPJEMJ1 | MPJEMJ1 | MPJEMJ2 | BERS |
| 2.5 | MPJEMJ1 | MPJEMJ1 | MPJEMJ1 | MPJEMJ2 | BEBS |
| 4 | MPJEMJ1 | MPJEMJ1 | MPJEMJ1 | MPJEMJ4 | BEYS/BT6CS |
| 6 | MPJEMJ1 | MPJEMJ2 | MPJEMJ2 | MPJEMJ4 | BT6CS |
| 10 | MPJEMJ2 | MPJEMJ2 | MPJEMJ2 | MPJEMJ4 | BT10CS |
| 16 | MPJEMJ2 | MPJEMJ3 | MPJEMJ3 | MPJEMJ4 | BT16CS |
| 25 | MPJEMJ3 | MPJEMJ3 | MPJEMJ3 | MPJEMJ4 | BT25CS |
| 35 | MPJEMJ3 | MPJEMJ4 | MPJEMJ4 | MPJEMJ5 | BT35CS |
| 50 | MPJEMJ4 | MPJEMJ4 | MPJEMJ4 | | BT50CS |
| 70 | MPJEMJ4 | MPJEMJ4 | MPJEMJ5 | | BT70CS |
| 95 | MPJEMJ4 | MPJEMJ5 | MPJEMJ5 | | BT95CS |
| 120 | MPJEMJ5 | MPJEMJ6 | MPJEMJ6 | | BT120CS |
| 150 | MPJEMJ5 | MPJEMJ6 | MPJEMJ6 | | BT150CS |
| 185 | MPJEMJ5 | MPJEMJ6 | MPJEMJ6 | | BT185CS |
| 240 | MPJEMJ6 | MPJEMJ7 | MPJEMJ7 | | BT240CS |
| 300 | MPJEMJ6 | MPJEMJ7 | MPJEMJ7 | | BT300CS |
| 400* | MPJEMJ8 | MPJEMJ8 | MPJEMJ8 | | BT400CS |

*Does not accommodate cross core (phase to phase) jointing

Note : MPJEM Joints are provided without connectors, compression connectors can be provided separately.



| Joint Ref | Shell Dimensions (mm) | | | |
|-----------|-----------------------|---------------------|--------------|-------------|
| | Min Box Entry ØA | Max Box Entry ØB | Box Length C | Internal ØD |
| MPJEMJ1 | 12 | 26 | 185 | 32 |
| MPJEMJ2 | 14 | 32 | 245 | 43 |
| MPJEMJ3 | 23 | 39 | 325 | 44 |
| MPJEMJ4 | 28 | 50 | 375 | 65 |
| MPJEMJ5 | 32 | 58 | 520 | 99 |
| MPJEMJ6 | 45 | 75 | 705 | 124 |
| MPJEMJ7 | 40 | 89 | 862 | 140 |
| MPJEMJ8 | 57 | 95 | 900 | 154 |