



### Product Description

BCP® fibre optic splice enclosures are used to protect and house fragile fibre splices and joints between cables. They can also be used to house splitters and patch connectors of splitters with fibre optic cables.

### Features & Benefits

- IP68 and IK10 rating (harsh environment and temperatures)
- Very strong and robust shell
- Mechanical sealing
- RoHS compliant materials

### Applications

- Telecommunication networks
- LAN, MAN and WAN applications
- CATV - Cable television
- Fibre-to-the-Home (FTTH)

### Technical Specifications

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Usage                 | Aerial; Duct; Manhole; Wall; Direct Burying (Horizontal) |
| Cable Entries         | 4 @ 10~20mm Ø                                            |
| Dimensions            | (432×186×100)mm                                          |
| Splicing Capacity     | 12 to 144 Splices                                        |
| Airproof Performance  | Inside closure 100kPa/24h                                |
| Operating Temperature | -40 to +70°C                                             |
| Horizontal Pull Force | 1000N                                                    |
| Splice Tray Capacity  | 24 Splices                                               |
| Voltage Resistance    | 15KVDC/1min                                              |
| Materials             | ABS/PC                                                   |
| Crush Pressure        | 3000N/10cm                                               |
| Weight                | 2.5 ~ 3kg                                                |
| Atmospheric Pressure  | 70 ~ 106                                                 |
| Insulation Resistance | 2×104MΩ                                                  |



Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

| Sealing Type               |             | Model Number |           | Max Splice Capacity |             | Adapter Type* |        |
|----------------------------|-------------|--------------|-----------|---------------------|-------------|---------------|--------|
| <b>B/MN</b><br><b>B/HS</b> | Mechanical  | <b>01</b>    | 01        | <b>12</b>           | 12          | <b>SCA</b>    | SC APC |
|                            | Heat Shrink | <b>02</b>    | 02        | <b>16</b>           | 16          | <b>SCU</b>    | SC UPC |
|                            |             | <b>03</b>    | 03        | <b>24</b>           | 24          | <b>LCA</b>    | LC APC |
|                            |             | <b>04</b>    | 04        | <b>32</b>           | 32          | <b>LCU</b>    | LC UPC |
|                            |             | <b>05</b>    | 05        | <b>48</b>           | 48          |               |        |
|                            |             | <b>06</b>    | 06        | <b>72</b>           | 72          |               |        |
|                            |             | <b>07</b>    | 07        | <b>96</b>           | 96          |               |        |
|                            |             | <b>08</b>    | 08        | <b>108</b>          | 108         |               |        |
|                            |             | <b>09</b>    | 09        | <b>144</b>          | 144         |               |        |
|                            |             | <b>10</b>    | 10        | <b>180</b>          | 180         |               |        |
|                            |             | <b>11</b>    | 11        | <b>216</b>          | 216         |               |        |
|                            |             | <b>12</b>    | 12        | <b>240</b>          | 240         |               |        |
|                            |             | <b>13</b>    | 13        | <b>288</b>          | 288         |               |        |
|                            |             | <b>14</b>    | 14        | <b>480</b>          | 480         |               |        |
|                            |             | <b>15</b>    | 15        | <b>576</b>          | 576         |               |        |
| ▲                          |             | ▲            |           | ▲                   |             | ▲             |        |
| <b>B/MN</b>                | <b>I</b>    | <b>02</b>    | <b>SD</b> | <b>144</b>          |             |               |        |
| ▼                          |             | ▼            |           | ▼                   |             |               |        |
| Dome                       | <b>D</b>    | Splitter     | <b>ST</b> | 1×8 splitter        | <b>1X8</b>  |               |        |
| Inline                     | <b>I</b>    | Splicing     | <b>SG</b> | 1×16 splitter       | <b>1X16</b> |               |        |
|                            |             | Standard     | <b>SD</b> | 1×32 splitter       | <b>1X32</b> |               |        |
|                            |             | Slimline     | <b>SL</b> |                     |             |               |        |
|                            |             | Gland        | <b>GL</b> |                     |             |               |        |
| Direction of Use           |             | Product      |           | Splitter*           |             |               |        |

\*Leave column blank if splitter not required.

| Example Part Number                                                    |              |
|------------------------------------------------------------------------|--------------|
| Description                                                            | Part Number  |
| BCP Mechanical Inline Fibre Optic Enclosure 144 FO - Standard Model 02 | B/MNI02SD144 |