



### Product Description

BCP® offers a wide range of indoor and outdoor fibre optic distribution, patching and consumer cables including Plenum, Riser and LSZH in all diameters. These are used to provide links to protocols such as FTTH, FDDI, 10 Gigabit Ethernet, ATM.

### Features & Benefits

- Available in many colours, thicknesses and constructions (including armoured)
- Easy strip tight buffer

### Applications

- Telecommunication networks
- CATV - Cable television
- Fibre-To-The-Home (FTTH)
- Wall outlets to desk



### Technical Specifications

|                                             |                                                |
|---------------------------------------------|------------------------------------------------|
| Outer Sheath                                | PE or LSZH                                     |
| Outer Diameter                              | $(2.0 \pm 0.2) \times (3.0 \pm 0.2) \text{mm}$ |
| Weight per km                               | 10kg                                           |
| Tensile Strength (N)                        |                                                |
| Long Term                                   | 100                                            |
| Short Term                                  | 200                                            |
| Bending Radius (mm)                         |                                                |
| Static                                      | 10D                                            |
| Dynamic                                     | 20D                                            |
| Max Crush Resistance (N/10mm <sup>2</sup> ) | 1000                                           |
| Operating Temperature (°C)                  | -40~85                                         |



## Ordering Information

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

| Connector  |                  | Strength Members |             | No of Fibres         |             | Additional*  |                        |
|------------|------------------|------------------|-------------|----------------------|-------------|--------------|------------------------|
| <b>FDC</b> | Flat Drop Cable  | <b>SW</b>        | Steel Wire  | <b>1</b>             | 1 FO        | <b>FI</b>    | Flat Inside Round      |
| <b>RDC</b> | Round Drop Cable | <b>FRP</b>       | FRP Member  | <b>2</b>             | 2 FO        | <b>SM</b>    | Steel Wire Messenger   |
|            |                  | <b>K</b>         | Kevlar      | <b>3</b>             | 3 FO        | <b>FRPM</b>  | FRP Messenger          |
|            |                  | <b>AY</b>        | Aramid Yarn | <b>4</b>             | 4 FO        | <b>FRPM8</b> | Figure 8 FRP Messenger |
|            |                  |                  |             | <b>5</b>             | 5 FO        |              |                        |
|            |                  |                  |             | <b>6</b>             | 6 FO        |              |                        |
|            |                  |                  |             | <b>7</b>             | 7 FO        |              |                        |
|            |                  |                  |             | <b>8</b>             | 8 FO        |              |                        |
|            |                  |                  |             | <b>9</b>             | 9 FO        |              |                        |
|            |                  |                  |             | <b>10</b>            | 10 FO       |              |                        |
|            |                  |                  |             | <b>11</b>            | 11 FO       |              |                        |
|            |                  |                  |             | <b>12</b>            | 12 FO       |              |                        |
| ▲          |                  | ▲                |             | ▲                    |             | ▲            |                        |
| <b>FDC</b> | <b>A1</b>        | <b>FRP</b>       | <b>BLK</b>  | <b>2</b>             | <b>LS</b>   |              |                        |
|            | ▼                |                  | ▼           |                      | ▼           |              |                        |
| G657A1     | <b>A1</b>        | Yellow           | <b>YEL</b>  | HDPE                 | <b>HD</b>   |              |                        |
| G657B3     | <b>B3</b>        | Black            | <b>BLK</b>  | PVC                  | <b>PV</b>   |              |                        |
| OM1        | <b>M1</b>        | White            | <b>WHT</b>  | LSZH                 | <b>LS</b>   |              |                        |
| OM2        | <b>M2</b>        | Aqua             | <b>AQU</b>  | Polyethylene         | <b>PE</b>   |              |                        |
| OM3        | <b>M3</b>        |                  |             | LDPE                 | <b>LD</b>   |              |                        |
| OM4        | <b>M4</b>        |                  |             | Double Jacket PE/PVC | <b>DJ</b>   |              |                        |
| OS1        | <b>S1</b>        |                  |             | Double Jacket HDPE   | <b>DJHD</b> |              |                        |
| OS2        | <b>S2</b>        |                  |             | Single Jacket HDPE   | <b>SJHD</b> |              |                        |
|            |                  |                  |             | Single Jacket PE     | <b>SJPE</b> |              |                        |
| Fibre Type |                  | Colour           |             | Material             |             |              |                        |

\*Leave blank if not required

| Example Part Number                                          |                |
|--------------------------------------------------------------|----------------|
| Description                                                  | Part Number    |
| Flat FTTH Cable 2 FO A1 Black with FRP Strength Members LSZH | FDCA1FRPBLK2LS |