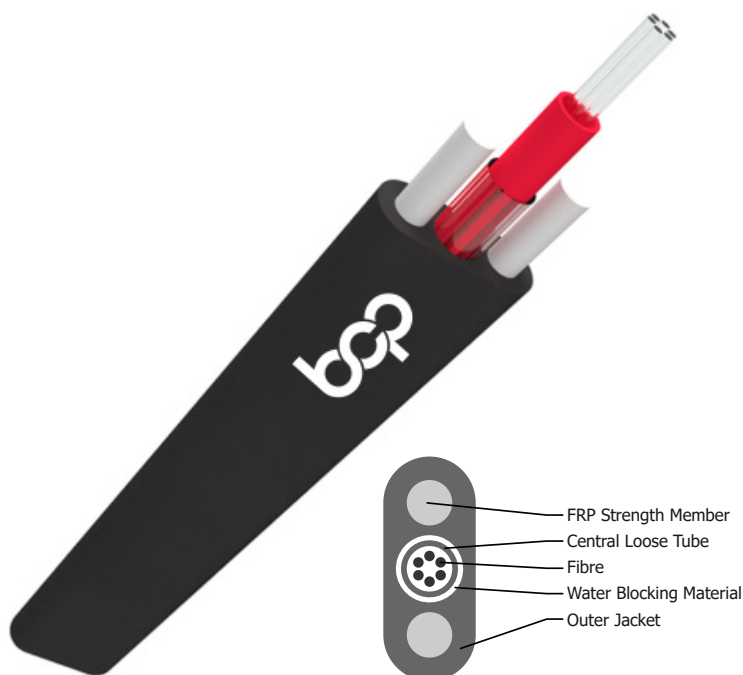




### Product Description

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

- Loose Tube
- Self-supporting design
- High tensile strength
- Outdoor use
- Water, flame and rodent resistant

### Applications

- Telecommunication networks
- CATV - Cable television
- Fibre-To-The-Home (FTTH)



### Cable Parameters

| Items                  |           | Specification                                                                     |
|------------------------|-----------|-----------------------------------------------------------------------------------|
| Fibre Count            |           | 1-12                                                                              |
| Coloured Coating Fibre | Dimension | 250±15µm                                                                          |
|                        | Colour    | Blue, orange, green, brown, grey, natural, red, black, yellow, purple, pink, aqua |
| Loose Tube             | Dimension | 1.95mm±0.05mm                                                                     |
|                        | Material  | PBT                                                                               |
|                        | Colour    | Natural                                                                           |
| Strength Member        | Dimension | 2.0mm                                                                             |
|                        | Material  | FRP                                                                               |
|                        | Colour    | Natural                                                                           |
| Outer Jacket           | Dimension | 7.5±0.3mm x 4.2±0.2mm                                                             |
|                        | Material  | PE                                                                                |
|                        | Colour    | Black                                                                             |

### Mechanical and Environmental Characteristics

| Items                    | Unit | Specification |
|--------------------------|------|---------------|
| Tension (Long-Term)      | N    | 600           |
| Tension (Short-Term)     | N    | 1500          |
| Crush (Long-Term)        | N/cm | 1000          |
| Crush (Short-Term)       | N/cm | 2000          |
| Installation Temperature | °C   | -20 ~+60      |
| Operating Temperature    | °C   | -40 ~+70      |
| Storage Temperature      | °C   | -40 ~+70      |



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>S2</b>        | <b>FRP</b>       | <b>BLK</b>  | <b>12</b>          | <b>PE</b>   |              |                        |
|            | ▼                |                  | ▼           |                    | ▼           |              |                        |
| G657A1     | <b>A1</b>        | Yellow           | <b>YEL</b>  | HDPE               | <b>HD</b>   |              |                        |
| G657B      | <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/  | <b>DJ</b>   |              |                        |
| OS1        | <b>S1</b>        |                  |             | PVC                | <b>DJHD</b> |              |                        |
| OS2        | <b>S2</b>        |                  |             | Double Jacket HDPE | <b>SJHD</b> |              |                        |
|            |                  |                  |             | Single Jacket HDPE | <b>SJPE</b> |              |                        |
|            |                  |                  |             | Single Jacket PE   |             |              |                        |
| Fibre Type |                  | Colour           |             | Material           |             |              |                        |

\*Leave blank if not required

| Example Part Number                                                |                   |
|--------------------------------------------------------------------|-------------------|
| Description                                                        | Part Number       |
| BCP Flat FTTH Cable 12 FO OS2 with FRP Strength Members PE - Black | B/FDCS2FRPBLK12PE |