

# Fibre Optical Central Loose Tube Cable Outdoor, Corrugated Steel Tape Armour LITE

Max 24F

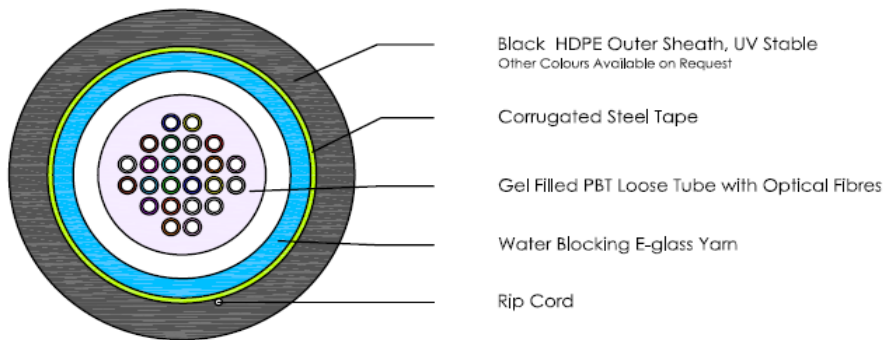


OFC-22X002-MBCL to OFC-22X024-MBCL

## Applications

Backbone Cabling, Telecommunication and Data, and Secondary distribution applications. Can be installed in ducts, trays or direct buried. This cable has full rodent protection.

## Cross Section Drawing



## Design

| Unit                   | Properties                                  |
|------------------------|---|
| Fibre                  | Jelly Filled Loose Tube with Optical Fibres |
| Strength Member        | Water Blocking E-Glass Yarn                 |
| Ripcord                | Yes   |
| Armour                 | Corrugated Steel Tape                       |
| Sheath Material        | UV Stable Polyethylene (PE)                 |
| Sheath Colour          | Black as Standard                           |
| Standard Put Up Length | 2000 meters                                 |
| Packaging Details      | Wooden Drum                                 |

\*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

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## Physical Characteristics

| Fibre Count | Max. Fibre per tube | Loose Tube Diameter (mm) | Cable OD (mm) | Cable Weighth (Kg/km) | Operating Temperature (°C) |
|-------------|---------------------|--------------------------|---------------|-----------------------|----------------------------|
| 2           | 24                  | 3.0                      | 7.7           | 70                    | -20 to +70                 |
| 4           |                     |                          |               |                       |                            |
| 6           |                     |                          |               |                       |                            |
| 8           |                     |                          |               |                       |                            |
| 12          |                     |                          |               |                       |                            |
| 24          |                     |                          |               |                       |                            |

## Mechanical Characteristics

| Fibre Count | Max. Tensile Strength (N) | Max. Crush Resistance | Impact              | Min. Bend Radius |
|-------------|---------------------------|-----------------------|---------------------|------------------|
| 2           | 1100                      | 6KN / 10cm            | 3 Impacts (W/25N.m) | 15xOD            |
| 4           |                           |                       |                     |                  |
| 6           |                           |                       |                     |                  |
| 8           |                           |                       |                     |                  |
| 12          |                           |                       |                     |                  |
| 24          |                           |                       |                     |                  |

## Colour Coding Scheme

| Fibre Colour 1  | 2     | 3    | 4      | 5     | 6    | 7     | 8      | 9         | 10    | 11     | 12   |
|-----------------|-------|------|--------|-------|------|-------|--------|-----------|-------|--------|------|
| Red             | Green | Blue | yellow | white | grey | Brown | Violet | Turquoise | Black | Orange | Pink |
| Fibre Colour 13 | 14    | 15   | 16     | 17    | 18   | 19    | 20     | 21        | 22    | 23     | 24   |
| Red             | Green | Blue | yellow | white | grey | Brown | Violet | Turquoise | Black | Orange | Pink |

Fibre 13-24 with a Black Ring, \* with a white ring

## Reference Standards

|                         |
|-------------------------|
| ITU-T G652 , ITU-T G657 |
| IEC 60304               |
| IEC 60794-1-2           |
| RoHS directives         |

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## Ordering Information

| Unit            | Properties  |
|-----------------|---|
| OFC-229002-MBCL | Central Loose Tube Cable 2- fibre CST LITE G652D PE         |
| OFC-229004-MBCL | Central Loose Tube Cable 4- fibre CST LITE G652D PE         |
| OFC-229006-MBCL | Central Loose Tube Cable 6- fibre CST LITE G652D PE         |
| OFC-229008-MBCL | Central Loose Tube Cable 8- fibre CST LITE G652D PE         |
| OFC-229012-MBCL | Central Loose Tube Cable 12- fibre CST LITE G652D PE        |
| OFC-229024-MBCL | Central Loose Tube Cable 24- fibre CST LITE G652D PE        |
| OFC-227002-MBCL | Central Loose Tube Cable 2- fibre CST LITE G657A1 PE        |
| OFC-227004-MBCL | Central Loose Tube Cable 4- fibre CST LITE G657A1 PE        |
| OFC-227006-MBCL | Central Loose Tube Cable 6- fibre CST LITE G657A1 PE        |
| OFC-227008-MBCL | Central Loose Tube Cable 8- fibre CST LITE G657A1 PE        |
| OFC-227012-MBCL | Central Loose Tube Cable 12- fibre CST LITE G657A1 PE       |
| OFC-227024-MBCL | Central Loose Tube Cable 24- fibre CST LITE G657A1 PE       |
| OFC-221002-MBCL | Central Loose Tube Cable 2- fibre CST LITE OM1 62.5/125 PE  |
| OFC-221004-MBCL | Central Loose Tube Cable 4- fibre CST LITE OM1 62.5/125 PE  |
| OFC-221006-MBCL | Central Loose Tube Cable 6- fibre CST LITE OM1 62.5/125 PE  |
| OFC-221008-MBCL | Central Loose Tube Cable 8- fibre CST LITE OM1 62.5/125 PE  |
| OFC-221012-MBCL | Central Loose Tube Cable 12- fibre CST LITE OM1 62.5/125 PE |
| OFC-221024-MBCL | Central Loose Tube Cable 24- fibre CST LITE OM1 62.5/125 PE |
| OFC-222002-MBCL | Central Loose Tube Cable 2- fibre CST LITE OM2 50/125 PE    |
| OFC-222004-MBCL | Central Loose Tube Cable 4- fibre CST LITE OM2 50/125 PE    |
| OFC-222006-MBCL | Central Loose Tube Cable 6- fibre CST LITE OM2 50/125 PE    |
| OFC-222008-MBCL | Central Loose Tube Cable 8- fibre CST LITE OM2 50/125 PE    |
| OFC-222012-MBCL | Central Loose Tube Cable 12- fibre CST LITE OM2 50/125 PE   |
| OFC-222024-MBCL | Central Loose Tube Cable 24- fibre CST LITE OM2 50/125 PE   |
| OFC-223002-MBCL | Central Loose Tube Cable 2- fibre CST LITE OM3 50/125 PE    |
| OFC-223004-MBCL | Central Loose Tube Cable 4- fibre CST LITE OM3 50/125 PE    |
| OFC-223006-MBCL | Central Loose Tube Cable 6- fibre CST LITE OM3 50/125 PE    |
| OFC-223008-MBCL | Central Loose Tube Cable 8- fibre CST LITE OM3 50/125 PE    |
| OFC-223012-MBCL | Central Loose Tube Cable 12- fibre CST LITE OM3 50/125 PE   |
| OFC-223024-MBCL | Central Loose Tube Cable 24- fibre CST LITE OM3 50/125 PE   |
| OFC-224002-MBCL | Central Loose Tube Cable 2- fibre CST LITE OM4 50/125 PE    |
| OFC-224004-MBCL | Central Loose Tube Cable 4- fibre CST LITE OM4 50/125 PE    |
| OFC-224006-MBCL | Central Loose Tube Cable 6- fibre CST LITE OM4 50/125 PE    |
| OFC-224008-MBCL | Central Loose Tube Cable 8- fibre CST LITE OM4 50/125 PE    |
| OFC-224012-MBCL | Central Loose Tube Cable 12- fibre CST LITE OM4 50/125 PE   |
| OFC-224024-MBCL | Central Loose Tube Cable 24- fibre CST LITE OM4 50/125 PE   |