

# B-LITE LT - Unitube cables

MICROCABLE 1X12SM SP1089 B-LITE

**Aginode Ref:** SP1089

This unitube cable is used in the Access, Distribution, City Network and FTTx applications; it is designed to be easily installed designed for outdoor installation by blowing in microduct.

## Characteristics & Applications

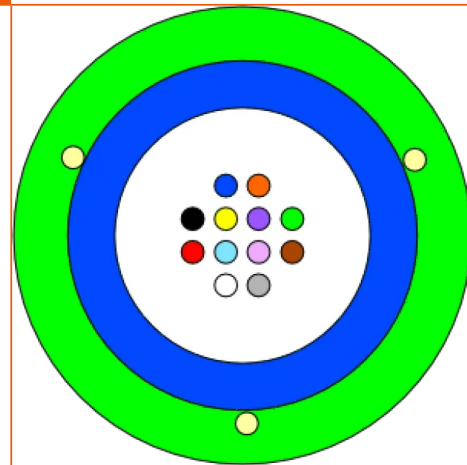
- High blowing distance due to the excellent friction properties of the outer sheath
- Right balance between flexibility and rigidity
- Aramid yarns reinforcement
- All dielectric design
- Waterproof structure

## Fibre type

The cable is available with different fibre types.

## Construction

- Jelly filled dual wall tube
- Aramid yarns
- Low coefficient of friction sheath



## STANDARDS

EN 187000  
IEC 60794

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

# Microcable 1x12SM SP1089 B-LITE

## Characteristics

### Construction characteristics

|                   |             |
|-------------------|-------------|
| Colour            | Green       |
| Fiber optic type  | SM          |
| Armour type       | Aramid yarn |
| Outer sheath      | HDPE        |
| Metal free        | Yes         |
| Construction type | Unitube     |

### Dimensional characteristics

|                             |          |
|-----------------------------|----------|
| Number of tubes             | 1        |
| Approximate weight          | 12 kg/km |
| Number of optical fibres    | 12       |
| Nominal outer diameter (mm) | 3.9 mm   |

### Mechanical characteristics

|  |          |
|--|----------|
| Maximum tensile load during service (Tl) | 10.0 daN |
| Maximum admissible traction load (Tm)    | 15 daN   |
| Crush resistance (IEC 60794-1-E3)        | 200 N/cm |

### Usage characteristics

|                                 |                              |
|---------------------------------|------------------------------|
| Operating temperature, range    | -30...70 °C                  |
| Storage temperature, range      | -40...70 °C                  |
| Installation type               | Outdoor - Microduct blowable |
| Installation temperature, range | 0...40 °C                    |
| Bending factor when laying      | 20 (xD)                      |

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