

B-Lite Green MB SP1100 72xSM G652

Microduct cable (up to 72 fibres) with 6 microbundles

Description

Characteristics & Applications

- Suitable to be blown in microducts (type 8/10 mm)
- Very Low friction outer jacket (B-Lite Green Quality => Excellent Blowing Ability)
- Light weight
- Small diameter
- Waterproof
- All dielectric design
- Easy fibre management
- Very flexible and easy to strip microbundles
- High fibre density (up to 72 fibres)

This cable is designed to be blown in very small ducts (or subducts). It can be used for Access, backbone, City Network and FTTx applications.

Installation

- Set cutter blade at 0.60 mm
- Remove the outer sheath
- Cut the aramid yarns and the central strength member

Construction

1. Up to 6 jelly filled microbundles containing 12 coloured fibres
2. Central FRP strength member
3. Watertight aramid yarns reinforcement
4. Very Low friction outer sheath



micropticable

Standards

International EN 187000;IEC 60794

Related Information

Standard Marking

Nexans - B-Lite Green MB - SP1100 - FIBRE OPTIC CABLE - XX*YY - FB - TN - metric

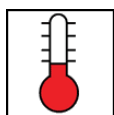
XX = Fibre Count

YY = Fibre Type : SM G652 or SM G655

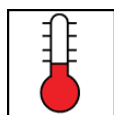
TN = Traceability Number

Contact

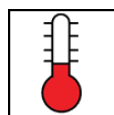
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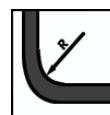
Ambient installation temperature, range
0 .. 40 °C



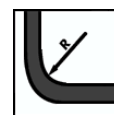
Operating temperature, range
-30 .. 60 °C



Storage temperature, range
-40 .. 60 °C



Laying operation bending rad.
105.0 mm



Min. static operating bending rad.
70.0 mm

B-Lite Green MB SP1 100 72xSM G652

Characteristics

Construction characteristics

Armour type	Aramid yarn
Outer sheath	PE
Fiber optic type	SM (G.652)

Dimensional characteristics

Number of optical fibres	72
Number of tubes	6
Nominal outer diameter	5.4 mm
Approximate weight	30 kg/km

Mechanical characteristics

Admissible traction load	70.0 daN
Maximum tensile load during service	25.0 daN
Crush resistance (IEC 794-1-E3)	100 N/cm

Usage characteristics

Installation type	Outdoor - Microduct blowable
Ambient installation temperature, range	0 .. 40 °C
Operating temperature, range	-30 .. 60 °C
Storage temperature, range	-40 .. 60 °C
Laying operation bending radius	105.0 mm
Minimum static operating bending radius	70.0 mm