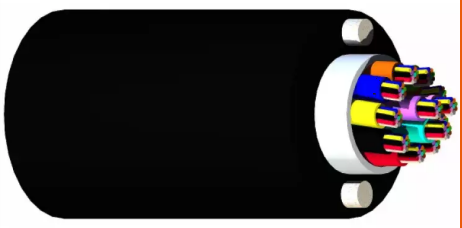
# Duct - Microbundle cables

**MICROBUNDLE RSM CABLE 12X12SM SP1840**

This ruggedized cable is used for Access, Distribution, City Network and FTTx applications.It is designed to be quickly installed by pulling, blowing and on aerial



## STANDARDS

EN 187000
IEC 60794

## Characteristics & Applications

- Ruggedized cable design
- Easy installation with mid span access possibility
- Easy micro bundle stripability
- Glass yarns and radial strength members reinforcement
- All dielectric design
- Waterproof structure

## Construction

- Jelly filled microbundles containing  coloured fibres
- Radial FRP strength members
- Glass yarns reinforcement
- Water swellable tape
- HDPE outer sheath

## Fibre Colour Table following XPC 93850-3-25

| | tube 1 | tube 2 | tube 3 | tube 4 | tube 5 | tube 6 | tube 7 | tube 8 | tube 9 | tube 10 | tube 11 | tube 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≤ 12 tubes | RD | BU | GN | YE | PU | WT | OR | GY | BN | BK | TQ | PK |

| | fibre 1 | fibre 2 | fibre 3 | fibre 4 | fibre 5 | fibre 6 | fibre 7 | fibre 8 | fibre 9 | fibre 10 | fibre 11 | fibre 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| fibres | RD | BU | GN | YE | PU | WT | OR | GY | BN | BK | TQ | PK |

*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.*

# Microbundle RSM cable 12x12SM SP1840

## Characteristics

| | |
|---|---|
| **Construction characteristics** | |
| Fiber optic type | SM |
| Armour type | Glass yarns |
| Outer sheath | HDPE |
| Sheath colour | Black - UV |
| Metal free | Yes |
| Strength member | Embedded FRP |
| Construction type | Multibundle |
| **Dimensional characteristics** | |
| Number of tubes | 12 |
| Approximate weight | 105 kg/km |
| Number of optical fibres | 144 |
| Nominal outer diameter (mm) | 11.0 mm |
| **Mechanical characteristics** | |
| Maximum admissible traction load (Tm) | 240 daN |
| Crush resistance (IEC 60794-1-E3) | 250 N/cm |
| **Usage characteristics** | |
| Operating temperature, range | -30...70 °C |
| Storage temperature, range | -40...70 °C |
| Installation type | Outdoor - Duct |
| Ambient installation temperature, range | 0...40 °C |
| Bending factor when laying | 20 (xD) |

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