

Microduct - Microloose Tube cables (12 - 432 fibres)

Microcable 24x12SM SP1870

Contact

Sales
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DESCRIPTION

This compact cable is used for Access, Distribution, City Network and FTTx applications. It is designed to be quickly installed by blowing in micro-ducts.

Characteristics & Applications

- High blowing distance due to the excellent friction properties of the outer sheath
- Right balance between flexibility and rigidity
- Easy installation with mid span access possibility
- Central strength member reinforcement
- All dielectric design
- Waterproof structure

Construction

- Jelly filled microloose tubes containing coloured fibres
- Central FRP strength member
- Very Low friction outer sheath



STANDARDS

International EN 187000;
IEC 60794



Admissible traction load max. (Tm)
230 daN



Ambient installation T°C range
0 - 40 °C



Operating temp.
-30 - 60 °C



Storage temperature, range
-40 - 70 °C



Bending factor when laying
20 (xD)

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CHARACTERISTICS

Construction characteristics

Fiber optic type	SM
Outer sheath	HDPE
Construction type	Multitube
Strength member	FRP
Metal free	Yes

Dimensional characteristics

Number of optical fibres	288
Number of tubes	24
Nominal outer diameter	11.0 mm
Approximate weight	115 kg/km

Mechanical characteristics

Maximum admissible traction load (Tm)	230 daN
Maximum tensile load during service (TI)	54.0 daN
Crush resistance (IEC 60794-1-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 - 70 °C
Bending factor when laying	20 (xD)
Minimum bending radius, static (XD)	-

SELLING AND DELIVERY INFORMATION

Standard Marking

Nexans - FIBRE OPTIC CABLE - SPxxxx - XX*YY - FB - TN - metric

XX = Fibre Count

YY = Fibre Type

FB = Produced in Frameries, Belgium

TN = Traceability Number