

High Performance Air Blown Fiber – Super Slim

ABF 12-24 fiber G657A1 200 μ m FIN2012 - Box

Features

- Super slim design with 200 μ m fibers
- Extra strong and durable design
- Smooth, low-friction sheath
- 12 or 24 fiber, G657A1 bend resistant fibers
- Extra wide operational temperature range
- State of the art blowing performance
- Zero sheath shrinkage

Application

Hexatronic Stingray is a high performance Air Blown Fiber Unit intended for blowing into microducts. The main application area is for fiber access networks such as Fiber To The Home (FTTH).

Design

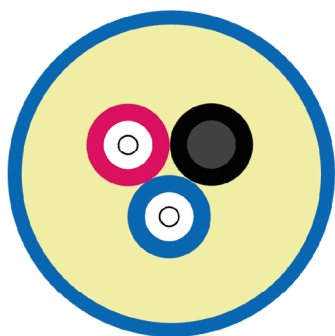
The Hexatronic Stingray Air Blown Fiber is designed with durability and performance in mind. The unique design offers a combination of properties previously not available on the market. A sturdy fiber unit with state of the art fiber blowing performance increases the installation success rate and provides quick and problem free installation. The Stingray has a unique sheath material with zero sheath shrinkage, which means no fragile splice points or sensitive installations in wall outlets or fiber cabinets.

The Air Blown Fiber unit is colored dark blue for good visibility when installed in semi-translucent microducts.

To enable installation into smallest possible microducts, the Hexatronic Stingray 200 series is designed with 200 μm fibers.

The Air Blown Fiber is delivered in bulk lengths in cardboard PANs. For optimum blowing performance, use the Hexatronic Air Blown Tool LTT 179 2040.

Product Information



- 1 Primary coated fiber: Silica, acrylate
- 2 Primary coating: UV-cured acrylate
- 3 Sheath: Low friction polyolefin

Technical Information

| | |
|-------------------------------|------------|
| Tuotteen väri | Dark blue |
| Värijärjestys | FIN2012 |
| Lämpötila, käyttö [°C] | -40 to +70 |

| | |
|---|---|
| Lämpötila, varastointi [°C] | –40 to +70 |
| Lämpötila, asennus [°C] | –15 to +60 |
| Kuidun tyyppi | G657A1 |
| Vaimennus @Aallonpituudella [nm] | 1310/1550 |
| Max. vaimennus [dB/km] | 0.38/0.25 |
| Vaatimustenmukaisuus | <p>Air blown fiber: IEC 60794-5-20</p> <p>Bend radius: IEC 60794-1-21, Method E11</p> <p>Crush resistance: IEC 60794-1-21 Method E3</p> <p>Kink: IEC 60794-1-21 Method E10</p> <p>Tensile force during installation: IEC 60794-1-22, Method F1</p> <p>Fiber parameters and tests according to the IEC series 60793-2 and 60793-1</p> |
| Tekniset tiedot | <p>Water immersion and repeated freeze test: Hexatronic standard test, 100 cycles, –25, to +15°C</p> |
| Asennustiedot | <p>Typical installation performance:</p> <p>12 fiber: Ducts ID 3.5-4 mm: 1000 m</p> <p>24 fiber: Ducts ID 3.5-4 mm: recommended 500 m, max 1000 m</p> <p>24 fiber: Ducts ID 6 mm: 1000 m</p> <p>Installation performance is affected by the installed path, environmental conditions, installation equipment etc and actual performance may therefore deviate from the above specified values.</p> <p>Use the correct fiber guides together with the Hexatronic Air Blown Installation Tool:</p> <p>12 fiber: SXA1139427/2 and SXA1139428/2</p> <p>24 fiber: SXA1139427/3 and SXA1139428/3</p> <p>Be careful during installation not to fall below the minimum bending radius to avoid kinking.</p> <p>Minimum diameter for multiple bends is 235mm.</p> |
| Tilaustiedot | <p>Supplied lengths:</p> <p>12 fiber: 1000, 2000, 4000, 6000 m</p> <p>24 fiber: 1000 m</p> <p>Delivered in cardboard boxes</p> |

Technical Details

| | | | | | | | | | | | | |
|---|-----------------|--------------------|---------------------|-----------------|----------------|-------------------|-----------------|-----------------------|---------------------|--------------------|------------------------------|-----------------|
| FIN-2012 Kuidut ja putkipaalysteet Fibers and tubes | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | Sininen Blue | Valkoinen White | Keltainen Yellow | Vihreä Green | Harmaa Grey | Oranssi Orange | Ruskea Brown | Turkoosi Turquoise | Musta Black | Violetti Violet | Vaalean- punainen Pink | Punainen Red |
| | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| | Sininen Blue | Valkoinen White | Keltainen Yellow | Vihreä Green | Harmaa Grey | Oranssi Orange | Ruskea Brown | Turkoosi Turquoise | Liipinäkyy Clear | Violetti Violet | Vaalean- punainen Pink | Punainen Red |

Articles 5

| Article name | Väri | Kuitujen lkm | Asettelu | Taiivutus säde [mm] | Vetolujuus, asennettaessa [N] | Halkaisija Ø [mm] | Paino [kg/km] | Pituus [m] | Toimitustapa |
|---|-----------|--------------|----------|---------------------|-------------------------------|-------------------|---------------|------------|--------------|
| ABF 12 G657A1 200um FIN2012 PAN Stingray KRPM259201/1000M | Dark blue | 12 | 1x12 | 25 | 70 | 1.3 | 1.58 | 1000 | Box |
| ABF 12 G657A1 200um FIN2012 PAN Stingray KRPM259201/2000M | Dark blue | 12 | 1x12 | 25 | 70 | 1.3 | 1.58 | 2000 | Box |
| ABF 12 200um G657A1 PAN Stingray KRPM259201/4000M | Dark blue | 12 | 1x12 | 25 | 70 | 1.3 | 1.58 | 4000 | Box |
| ABF 24 200um G657A1 PAN Stingray KRPM259102/1000M | Dark blue | 24 | 1x24 | 40 | 140 | 1.6 | 2.42 | 1000 | Box |
| ABF 24 200um G657A1 PAN Stingray KRPM259102/2000M | Dark blue | 24 | 1x24 | 40 | 140 | 1.6 | 2.42 | 1000 | Box |