

# High Performance Air Blown Fiber – Multimode

**ABF 2-12 fibers OM3, OM4 S12 - Box**

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## Features

- Extra strong and durable design
- Smooth, low-friction sheath
- 2, 4, 6, 8 or 12 fiber, Multimode OM3 and OM4 bend resistant fibers
- Extra wide operational temperature range
- Water and Ice tested
- 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), campus networks and data centers.

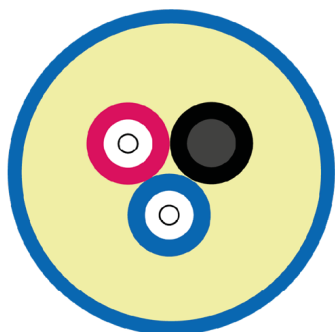
## Design

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 ,wich 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.

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

A mechanical filler is used in the 2-fiber unit as well as in the center of the 6-fiber unit.

## Technical Information

<b>Product Color</b>	Dark blue
<b>Color Code</b>	S12
<b>Temperature, Operation [°C]</b>	-25 to +70
<b>Temperature, Storage [°C]</b>	-45 to +70
<b>Temperature, Installation [°C]</b>	-15 to +60
<b>Fiber Type</b>	OM3;OM4
<b>Attenuation @Wavelength [nm]</b>	850/1310
<b>Maximum Attenuation [dB/km]</b>	3.0/1.0
<b>Conformance</b>	Air blown fiber: IEC 60794-5-20
<b>Installation Notes</b>	<p>Typical installation performance:</p> <ul style="list-style-type: none"> <li>▪ Ducts ID 3.5-4 mm: 1000 m</li> </ul> <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>
<b>Ordering Information</b>	<p><b>Supplied lengths:</b> 1000, 2000, 4000, 6000 m</p> <p>Delivered in cardboard boxes</p>

## Technical Details

S12 Fiber och rör Fibers and tubes	1	2	3	4	5	6	7	8	9	10	11	12
	Röd Red	Blå Blue	Vit White	Grön Green	Gul Yellow	Grå Grey	Brun Brown	Svart Black	Violett Violet	Orange	Turkos Turquoise	Rosa Pink
	13	14	15	16	17	18	19	20	21	22	23	24
	Röd Red	Blå Blue	Vit White	Grön Green	Gul Yellow	Grå Grey	Brun Brown	Klar Clear	Violett Violet	Orange	Turkos Turquoise	Rosa Pink

## Articles 9

Article name	Color	No. of Fibers	Layout	Tensile Force, Installation [N]	Diameter Ø [mm]	Weight [kg/km]	Length [m]	Form of Delivery
<b>AEF 12 MM 50 OM3 PAN Stingray</b> KRPM258023/1000M	Dark blue	12	1x12	30	1.4	1.65	1000	Box
<b>AEF 12 MM 50 OM3 PAN Stingray</b> KRPM258023/2000M	Dark blue	12	1x12	30	1.4	1.65	2000	Box
<b>AEF 12 MM 50 OM3 PAN Stingray</b> KRPM258023/4000M	Dark blue	12	1x12	30	1.4	1.65	4000	Box
<b>AEF 4 MM 50 OM3 PAN Stingray</b> KRPM258024/2000M	Dark blue	4	1x4	10	1.1	1.02	2000	Box
<b>AEF 2 MM 50 OM3 PAN Stingray</b> KRPM258025/2000M	Dark blue	2	1x2	5	1.1	0.94	2000	Box
<b>AEF 12 MM 50 OM4 PAN Stingray</b> KRPM258030/1000M	Dark blue	12	1x12	30	1.4	1.65	1000	Box
<b>AEF 12 MM 50 OM4 PAN Stingray</b> KRPM258030/2000M	Dark blue	12	1x12	30	1.4	1.65	2000	Box
<b>AEF 12 MM 50 OM4 PAN Stingray</b> KRPM258030/4000M	Dark blue	12	1x12	30	1.4	1.65	4000	Box
<b>AEF 4 MM 50 OM4 PAN Stingray</b> KRPM258032/4000M	Dark blue	4	1x4	10	1.1	1.02	4000	Box