

High Performance Air Blown Fiber

ABF 2-12 fiber G657A1 S12 - Box

Features

- Extra strong and durable design
- Smooth, low-friction sheath
- 2, 4, 6, 8 or 12 fiber, G657A1 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).

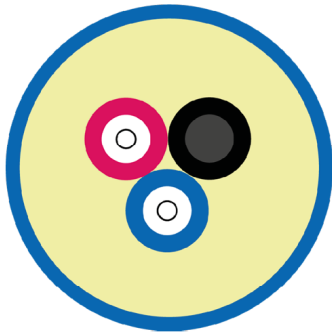
Design

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

Product Color	Dark blue
Color Code	S12
Temperature, Operation [°C]	-45 to +70

Temperature, Storage [°C]	-45 to +70
Temperature, Installation [°C]	-15 to +60
Fiber Type	G657A1
Attenuation @Wavelength [nm]	1310/1550
Maximum Attenuation [dB/km]	0.38/0.25
Conformance	<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>
Technical Notes	<p>Water immersion and repeated freeze test:</p> <p>Hexatronic standard test, 100 cycles, -25, to +15°C</p>
Installation Notes	<p>Typical installation performance:</p> <ul style="list-style-type: none"> ▪ Ducts ID 3.5-4 mm: 1000 m <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>
Ordering Information	<p>Supplied lengths: 1000, 2000, 4000, 6000 m</p> <p>Delivered in cardboard boxes</p>

Technical Details

S12 Fibers 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	

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Article name	Color	No. of Fibers	Layout	Bend Radius [mm]	Tensile Force [N]	Diameter Ø [mm]	Weight [kg/km]	Length [m]	Form of Delivery
ABF 2 G657A1 PAN Stingray KRPM258013/500M	Dark blue	2	1x2	20	5	1.1	0.94	500	Box
ABF 2 G657A1 PAN Stingray KRPM258013/1000M	Dark blue	2	1x2	20	5	1.1	0.94	1000	Box
ABF 2 G657A1 PAN Stingray KRPM258013/2000M	Dark blue	2	1x2	20	5	1.1	0.94	2000	Box
ABF 2 G657A1 PAN Stingray KRPM258013/4000M	Dark blue	2	1x2	20	5	1.1	0.94	4000	Box
ABF 2 G657A1 PAN Stingray KRPM258013/6000M	Dark blue	2	1x2	20	5	1.1	0.94	6000	Box
ABF 4 G657A1 PAN Stingray KRPM258014/1000M	Dark blue	4	1x4	20	10	1.1	1.02	1000	Box
ABF 4 G657A1 PAN Stingray KRPM258014/2000M	Dark blue	4	1x4	20	10	1.1	1.02	2000	Box
ABF 4 G657A1 PAN Stingray KRPM258014/4000M	Dark blue	4	1x4	20	10	1.1	1.02	4000	Box
ABF 4 G657A1 PAN Stingray KRPM258014/6000M	Dark blue	4	1x4	20	10	1.1	1.02	6000	Box
ABF 6 G657A1 PAN Stingray KRPM258015/2000M	Dark blue	6	1x6	25	17.5	1.25	1.2	2000	Box
ABF 6 G657A1 PAN Stingray KRPM258015/4000M	Dark blue	6	1x6	25	17.5	1.25	1.2	4000	Box
ABF 8 G657A1 PAN Stingray KRPM258016/1000M	Dark blue	8	1x8	35	20	1.4	1.59	1000	Box
ABF 8 G657A1 PAN Stingray KRPM258016/2000M	Dark blue	8	1x8	35	20	1.4	1.59	2000	Box
ABF 8 G657A1 PAN Stingray KRPM258016/4000M	Dark blue	8	1x8	35	20	1.4	1.59	4000	Box
ABF 12 G657A2 PAN Stingray F27036 ABF 12f 4000m	Dark blue	12	1x12	35	70	1.4	1.65	4000	Box
ABF 12 G657A2 PAN Stingray F27036 ABF 12f 2000m	Dark blue	12	1x12	35	70	1.4	1.65	2000	Box
ABF 12 G657A2 PAN Stingray F27036 ABF 12f 1000m	Dark blue	12	1x12	35	70	1.4	1.65	1000	Box
ABF 12 G657A2 PAN Stingray F27036 ABF 12f 500m	Dark blue	12	1x12	35	70	1.4	1.65	500	Box
ABF 12 G657A1 PAN Stingray KRPM258017/500M	Dark blue	12	1x12	35	70	1.4	1.65	500	Box
ABF 12 G657A1 PAN Stingray KRPM258017/1000M	Dark blue	12	1x12	35	70	1.4	1.65	1000	Box
ABF 12 G657A1 PAN Stingray KRPM258017/2000M	Dark blue	12	1x12	35	70	1.4	1.65	2000	Box
ABF 12 G657A1 PAN Stingray KRPM258017/4000M	Dark blue	12	1x12	35	70	1.4	1.65	4000	Box