

# 10015803

**Hexatronic (FCAA-KRPM258062/8000M) FTTP Optical Blown Fibre Bundle- 12 Fibre- Ext- Single Mode 9/125um G.657.A1 {UOM: Ea / 1 = 1 x 8Km Pan} [12 Fibres Encapsulated In Resin With Blue Thermoplastic Sheath O/D: 1.4mm- Use With Micro Sub Duct]**

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## 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
- 10 blowing beads included in each pan

## 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).

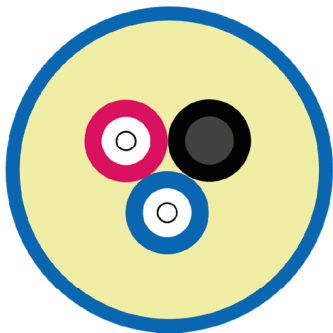
## Design

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.

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	TIA598
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><b>Air blown fiber:</b> IEC 60794-5-20</p> <p><b>Bend radius:</b> IEC 60794-1-21, Method E11</p> <p><b>Crush resistance:</b> IEC 60794-1-21 Method E3</p> <p><b>Kink:</b> 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"><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>
Ordering Information	<p><b>Supplied lengths:</b> 1000, 2000, 4000, 6000, 8000 m</p> <p>Delivered in cardboard boxes</p>

Technical Details

TIA-598 Fibers and Tubes	1	2	3	4	5	6	7	8	9	10	11	12
	Blue	Orange	Green	Brown	Slate	White	Red	Black	Yellow	Violet	Rose	Aqua
	13	14	15	16	17	18	19	20	21	22	23	24
	Blue	Orange	Green	Brown	Slate	White	Red	Clear	Yellow	Violet	Rose	Aqua

TIA 598 Color Code Chart

Articles 15

Article name	Color	No. of Fibers		Layout	Bend Radius [mm]	Tensile Force [N]	Diameter Ø [mm]	Weight [kg/km]	Length [m]	Form of Delivery
<b>10015803</b> FCAA-KRPM258062/8000M	Dark blue	12	1x12	35	70	1.4	1.65	8000	Box	