

High Performance Air Blown Fiber – Multimode

ABF 12 fibers OM3, OM4 S12/TIA - Box

Features

- Extra strong and durable design
- Smooth, low-friction sheath
- 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. These multimode ABFUs are typically employed in enterprise networks such as airports, container ports and hospitals.

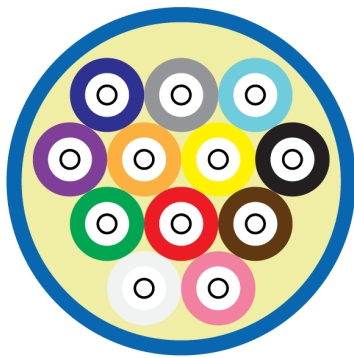
Design

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

Technical Information

Product Color	Dark blue
Color Code	TIA598

Temperature, Operation [°C]	-25 to +70
Temperature, Storage [°C]	-45 to +70
Temperature, Installation [°C]	-15 to +60
Fiber Type	OM3;OM4
Attenuation @Wavelength [nm]	850/1310
Maximum Attenuation [dB/km]	3.0/1.0
Conformance	Air blown fiber: IEC 60794-5-20
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 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 6

Article name	Color	No. of Fibers	Layout	Tensile Force, Installation [N]	Diameter Ø [mm]	Weight [kg/km]	Length [m]	Form of Delivery
AEF 12 MM 50 OM3 PAN Stingray KRPM258023/1000M	Dark blue	12	1x12	30	1.4	1.65	1000	Box
AEF 12 MM 50 OM3 PAN Stingray KRPM258023/2000M	Dark blue	12	1x12	30	1.4	1.65	2000	Box
AEF 12 MM 50 OM3 PAN Stingray KRPM258023/4000M	Dark blue	12	1x12	30	1.4	1.65	4000	Box
AEF 12 MM 50 OM4 PAN Stingray KRPM258030/1000M	Dark blue	12	1x12	30	1.4	1.65	1000	Box
AEF 12 MM 50 OM4 PAN Stingray KRPM258030/2000M	Dark blue	12	1x12	30	1.4	1.65	2000	Box
AEF 12 MM 50 OM4 PAN Stingray KRPM258030/4000M	Dark blue	12	1x12	30	1.4	1.65	4000	Box