

High Performance Air Blown Fiber – Pre-terminated

ABF 2-12 fibers G657A1 S12 - Reel

Features

- Pre-terminated fiber on reel
- Time saving installation
- Several connector options
- Extra strong and durable design
- Smooth, low-friction sheath
- 2 or 4 fibers, 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).

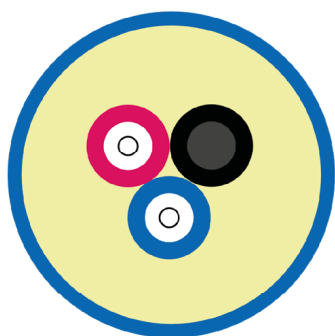
Design

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]	-40 to +70

Temperature, Storage [°C]	-40 to +70
Temperature, Installation [°C]	-15 to +50
Fiber Type	G657A1
Attenuation @Wavelength [nm]	1310/1550
Maximum Attenuation [dB/km]	0.38/0.25
Insertion Loss, max [dB]	0.25
Return Loss, min [dB]	SC/UPC & LC/UPC: 55, SC/APC & LC/APC: 65
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: Fixed lengths from 30 to 1000 m</p> <p>Delivered on miniature cardboard reels</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

Articles 108

Article name	EL-No.	Color	No. of Fibers	Bend Radius [mm]	Tensile Force, Installation [N]	Diameter Ø [mm]	Length [m]	Form of Delivery
ABF 2SC 2G657A1 Reel RPM258005/30M	1031718	Dark blue	2	20	5	1.1	30	Reel
ABF 2SC 2G657A1 Reel RPM258005/50M	1031719	Dark blue	2	20	5	1.1	50	Reel
ABF 2SC 2G657A1 Reel RPM258005/70M		Dark blue	2	20	5	1.1	70	Reel
ABF 2SC 2G657A1 Reel RPM258005/100M		Dark blue	2	20	5	1.1	100	Reel
ABF 2SC 2G657A1 Reel RPM258005/150M		Dark blue	2	20	5	1.1	150	Reel
ABF 2SC 2G657A1 Reel RPM258005/200M		Dark blue	2	20	5	1.1	200	Reel
ABF 2SC 2G657A1 Reel RPM258005/250M		Dark blue	2	20	5	1.1	250	Reel
ABF 2SC 2G657A1 Reel RPM258005/300M		Dark blue	2	20	5	1.1	300	Reel
ABF 2SC 2G657A1 Reel RPM258005/350M		Dark blue	2	20	5	1.1	350	Reel
ABF 2SC 2G657A1 Reel RPM258005/400M		Dark blue	2	20	5	1.1	400	Reel
ABF 2SC 2G657A1 Reel RPM258005/450M		Dark blue	2	20	5	1.1	450	Reel
ABF 2SC 2G657A1 Reel RPM258005/500M		Dark blue	2	20	5	1.1	500	Reel
ABF 2SC 2G657A1 Reel RPM258005/550M		Dark blue	2	20	5	1.1	550	Reel
ABF 2SC 2G657A1 Reel RPM258005/600M		Dark blue	2	20	5	1.1	600	Reel
ABF 2SC 2G657A1 Reel RPM258005/650M		Dark blue	2	20	5	1.1	650	Reel
ABF 2SC 2G657A1 Reel RPM258005/700M		Dark blue	2	20	5	1.1	700	Reel
ABF 2SC 2G657A1 Reel RPM258005/750M		Dark blue	2	20	5	1.1	750	Reel
ABF 2SC 2G657A1 Reel RPM258005/800M		Dark blue	2	20	5	1.1	800	Reel
ABF 2SC 2G657A1 Reel RPM258005/850M		Dark blue	2	20	5	1.1	850	Reel
ABF 2SC 2G657A1 Reel RPM258005/900M		Dark blue	2	20	5	1.1	900	Reel
ABF 2SC 2G657A1 Reel RPM258005/950M		Dark blue	2	20	5	1.1	950	Reel
ABF 2SC 2G657A1 Reel RPM258005/1000M		Dark blue	2	20	5	1.1	1000	Reel

Article name	EL-No.	Color	No. of Fibers	Bend Radius [mm]	Tensile Force	Installation [N]	Diameter Ø [mm]	Length [m]	Form of Delivery
ABF 2LC 2G657A1 Reel RPM258006/30M	1031723	Dark blue	2	20	5	1.1	30	Reel	
ABF 2LC 2G657A1 Reel RPM258006/50M	1031724	Dark blue	2	20	5	1.1	50	Reel	
ABF 2LC 2G657A1 Reel RPM258006/100M		Dark blue	2	20	5	1.1	100	Reel	
ABF 2LC 2G657A1 Reel RPM258006/150M		Dark blue	2	20	5	1.1	150	Reel	
ABF 2LC 2G657A1 Reel RPM258006/200M		Dark blue	2	20	5	1.1	200	Reel	
ABF 2LC 2G657A1 Reel RPM258006/250M		Dark blue	2	20	5	1.1	250	Reel	
ABF 2LC 2G657A1 Reel RPM258006/300M		Dark blue	2	20	5	1.1	300	Reel	
ABF 2LC 2G657A1 Reel RPM258006/350M		Dark blue	2	20	5	1.1	350	Reel	
ABF 2LC 2G657A1 Reel RPM258006/400M		Dark blue	2	20	5	1.1	400	Reel	
ABF 2LC 2G657A1 Reel RPM258006/500M		Dark blue	2	20	5	1.1	500	Reel	
ABF 2LC 2G657A1 Reel RPM258006/600M		Dark blue	2	20	5	1.1	600	Reel	
ABF 2LC 2G657A1 Reel RPM258006/700M		Dark blue	2	20	5	1.1	700	Reel	
ABF 2LC 2G657A1 Reel RPM258006/70M		Dark blue	2	20	5	1.1	70	Reel	
ABF 2LC 2G657A1 Reel RPM258006/800M		Dark blue	2	20	5	1.1	800	Reel	
ABF 2LC 2G657A1 Reel RPM258006/900M		Dark blue	2	20	5	1.1	900	Reel	
ABF 2LC 2G657A1 Reel RPM258006/1000M		Dark blue	2	20	5	1.1	1000	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/1000M		Dark blue	2	20	5	1.1	1000	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/100M		Dark blue	2	20	5	1.1	100	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/150M		Dark blue	2	20	5	1.1	150	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/200M		Dark blue	2	20	5	1.1	200	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/250M		Dark blue	2	20	5	1.1	250	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/300M		Dark blue	2	20	5	1.1	300	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/30M		Dark blue	2	20	5	1.1	30	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/350M		Dark blue	2	20	5	1.1	350	Reel	

Article name	EL-No.	Color	No. of Fibers	Bend Radius [mm]	Tensile Force	Installation [N]	Diameter Ø [mm]	Length [m]	Form of Delivery
ABF 2SC/APC 2G657A1 Reel RPM258007/400M		Dark blue	2	20	5	1.1	400	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/500M		Dark blue	2	20	5	1.1	500	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/50M		Dark blue	2	20	5	1.1	50	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/600M		Dark blue	2	20	5	1.1	600	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/700M		Dark blue	2	20	5	1.1	700	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/70M		Dark blue	2	20	5	1.1	70	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/800M		Dark blue	2	20	5	1.1	800	Reel	
ABF 2SC/APC 2G657A1 Reel RPM258007/900M		Dark blue	2	20	5	1.1	900	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/1000M		Dark blue	2	20	5	1.1	1000	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/100M		Dark blue	2	20	5	1.1	100	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/150M		Dark blue	2	20	5	1.1	150	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/200M		Dark blue	2	20	5	1.1	200	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/250M		Dark blue	2	20	5	1.1	250	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/300M		Dark blue	2	20	5	1.1	300	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/30M		Dark blue	2	20	5	1.1	30	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/350M		Dark blue	2	20	5	1.1	350	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/400M		Dark blue	2	20	5	1.1	400	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/500M		Dark blue	2	20	5	1.1	500	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/50M		Dark blue	2	20	5	1.1	50	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/600M		Dark blue	2	20	5	1.1	600	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/700M		Dark blue	2	20	5	1.1	700	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/70M		Dark blue	2	20	5	1.1	70	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/800M		Dark blue	2	20	5	1.1	800	Reel	
ABF 2LC/APC 2G657A1 Reel RPM258008/900M		Dark blue	2	20	5	1.1	900	Reel	

Article name	EL-Nb.	Color	No. of Fibers	Bend Radius [mm]	Tensile Force [N]	Installation [N]	Diameter Ø [mm]	Length [m]	Form of Delivery
ABF 1SC 2G657A1 Reel RPM258020/1000M		Dark blue	2	20	5	1.1	1000	Reel	
ABF 1SC 2G657A1 Reel RPM258020/100M		Dark blue	2	20	5	1.1	100	Reel	
ABF 1SC 2G657A1 Reel RPM258020/150M		Dark blue	2	20	5	1.1	150	Reel	
ABF 1SC 2G657A1 Reel RPM258020/200M		Dark blue	2	20	5	1.1	200	Reel	
ABF 1SC 2G657A1 Reel RPM258020/250M		Dark blue	2	20	5	1.1	250	Reel	
ABF 1SC 2G657A1 Reel RPM258020/300M		Dark blue	2	20	5	1.1	300	Reel	
ABF 1SC 2G657A1 Reel RPM258020/30M		Dark blue	2	20	5	1.1	30	Reel	
ABF 1SC 2G657A1 Reel RPM258020/350M		Dark blue	2	20	5	1.1	350	Reel	
ABF 1SC 2G657A1 Reel RPM258020/400M		Dark blue	2	20	5	1.1	400	Reel	
ABF 1SC 2G657A1 Reel RPM258020/500M		Dark blue	2	20	5	1.1	500	Reel	
ABF 1SC 2G657A1 Reel RPM258020/50M		Dark blue	2	20	5	1.1	50	Reel	
ABF 1SC 2G657A1 Reel RPM258020/600M		Dark blue	2	20	5	1.1	600	Reel	
ABF 1SC 2G657A1 Reel RPM258020/700M		Dark blue	2	20	5	1.1	700	Reel	
ABF 1SC 2G657A1 Reel RPM258020/70M		Dark blue	2	20	5	1.1	70	Reel	
ABF 1SC 2G657A1 Reel RPM258020/800M		Dark blue	2	20	5	1.1	800	Reel	
ABF 1SC 2G657A1 Reel RPM258020/900M		Dark blue	2	20	5	1.1	900	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/1000M		Dark blue	2	20	5	1.1	1000	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/100M		Dark blue	2	20	5	1.1	100	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/150M		Dark blue	2	20	5	1.1	150	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/200M		Dark blue	2	20	5	1.1	200	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/250M		Dark blue	2	20	5	1.1	250	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/300M		Dark blue	2	20	5	1.1	300	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/30M		Dark blue	2	20	5	1.1	30	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/350M		Dark blue	2	20	5	1.1	350	Reel	

Article name	EL-Nb.	Color	No. of Fibers	Bend Radius [mm]	Tensile Force [N]	Installation [N]	Diameter Ø [mm]	Length [m]	Form of Delivery
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/400M		Dark blue	2	20	5	1.1	400	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/450M		Dark blue	2	20	5	1.1	450	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/500M		Dark blue	2	20	5	1.1	500	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/50M		Dark blue	2	20	5	1.1	50	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/550M		Dark blue	2	20	5	1.1	550	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/600M		Dark blue	2	20	5	1.1	600	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/650M		Dark blue	2	20	5	1.1	650	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/700M		Dark blue	2	20	5	1.1	700	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/70M		Dark blue	2	20	5	1.1	70	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/750M		Dark blue	2	20	5	1.1	750	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/800M		Dark blue	2	20	5	1.1	800	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/850M		Dark blue	2	20	5	1.1	850	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/900M		Dark blue	2	20	5	1.1	900	Reel	
ABF 1SC+1SC/APC 2G657A1 Reel RPM258028/950M		Dark blue	2	20	5	1.1	950	Reel	