



10015377

Hexatronic (ISCV-M-C02-1-ALV-ALV-650M) FTTP Connectorised Optical Blown Fibre Bundle / Drop Cable- V1- 1 Fibre- LC/APC to LC/APC- 650m- Single Mode 9/125um G.657.A2 [2 Fibres + 1 Filler In Resin With Blue Sheath OD: 1.1mm- Use In Micro Duct]

Features

- Pre-terminated fiber on reel
- Blowable ferrule at outer end
- Time saving installation
- Smooth, low-friction sheath
- 2 fibers, G657A2 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 fixed lengths on cardboard reels with pre-terminated connector at inner end and blowable ferrule at outer end. 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]	-40 to +70
Temperature, Storage [°C]	-40 to +70
Temperature, Installation [°C]	-15 to +50
Fiber Type	G657A2
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

Air blown fiber: IEC 60794-5-20

Bend radius: IEC 60794-1-21, Method E11

Crush resistance: IEC 60794-1-21 Method E3

Kink: IEC 60794-1-21 Method E10

Tensile force during installation: IEC 60794-1-22, Method F1

Fiber parameters and tests according to the IEC series 60793-2 and 60793-1

Technical Notes

Water immersion and repeated freeze test:

Hexatronic standard test, 100 cycles, −25, to +15°C

Installation Notes

Typical installation performance:

▪ Ducts ID 3.5-4 mm: 1000 m

Installation performance is affected by the installed path, environmental conditions, installation equipment etc and actual performance may therefore deviate from the above specified value

Ordering Information

Supplied lengths: Fixed lengths from 25 to 1000 m

Delivered on miniature cardboard reels

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 1

Article name	Color	No. of Fibers		Bend Radius [mm]	Tensile Force, Installation [N]	Diameter Ø [mm]	Length [m]	Form of Delivery
10015377 ISCVM-C02-1-ALV- ALV-650M	Dark blue	2	20	5	1.1	650	Reel	