



10015360

Hexatronic (ISCVM-C02-1-ALV-ALV-100M) FTTP Connectorised Optical Blown Fibre Bundle / Drop Cable- V1- 1 Fibre- LC/APC to LC/APC- 100m- 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 | <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 value</p> |
| Ordering Information | <p>Supplied lengths: Fixed lengths from 25 to 1000 m</p> <p>Delivered on miniature cardboard reels</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 1

| Article name | Color | No. of Fibers | | Bend Radius [mm] | Tensile Force, Installation [N] | Diameter Ø [mm] | Length [m] | Form of Delivery |
|--------------------------------------|-----------|---------------|----|------------------|---------------------------------|-----------------|------------|------------------|
| 10015360 ISCVM-C02-1-ALV-ALV-100M | Dark blue | 2 | 20 | 5 | 1.1 | 100 | Reel | |