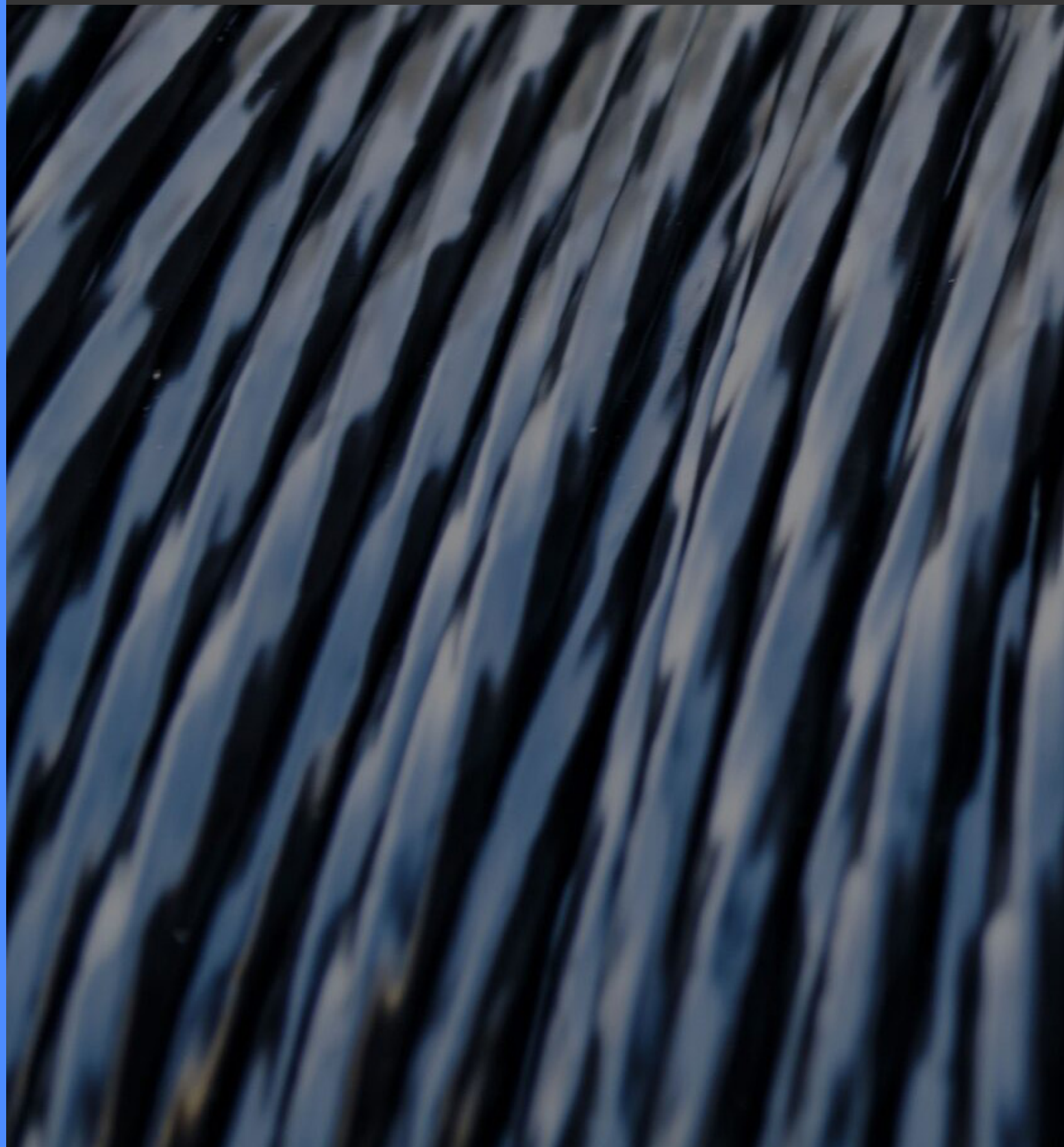




Product Catalogue:

Optical Fiber Cable for Net- works



Hexatronic

Hexatronic enables non-stop connectivity for communities worldwide. We partner with customers across five continents – from telecom operators to network owners – offering leading-edge fiber technology and solutions for any and all conditions.

Together, the companies in Hexatronic Group develop products and world-class solutions that create development opportunities for people across the world.

Hexatronic offers a complete range of passive fiber optic infrastructure. We design, develop, manufacture, and market our own products, solutions, and services to work together optimally. Also, we represent leading worldwide manufacturers of specialized tools and equipment.

Owning our complete production chain gives us great flexibility and enables us to respond quickly to unique customer requests. With innovation, vast technical knowledge, a high level of service, and complete commitments, we work every day to improve our offering.

World class innovative design and development

We always strive to be a step ahead of the market needs, and to constantly enhance our products’ properties. That’s why we continuously develop products, solutions, processes, and methods to improve network performance for the customers and reduce the environmental footprint.

Fully flexible – and confident

With our total control over the production chain, we safeguard capacity – and have the flexibility to customize production for unique customer requests.

We’re so confident with our well-considered product range – with its high quality and maximum compatibility – that we offer extended warranties.

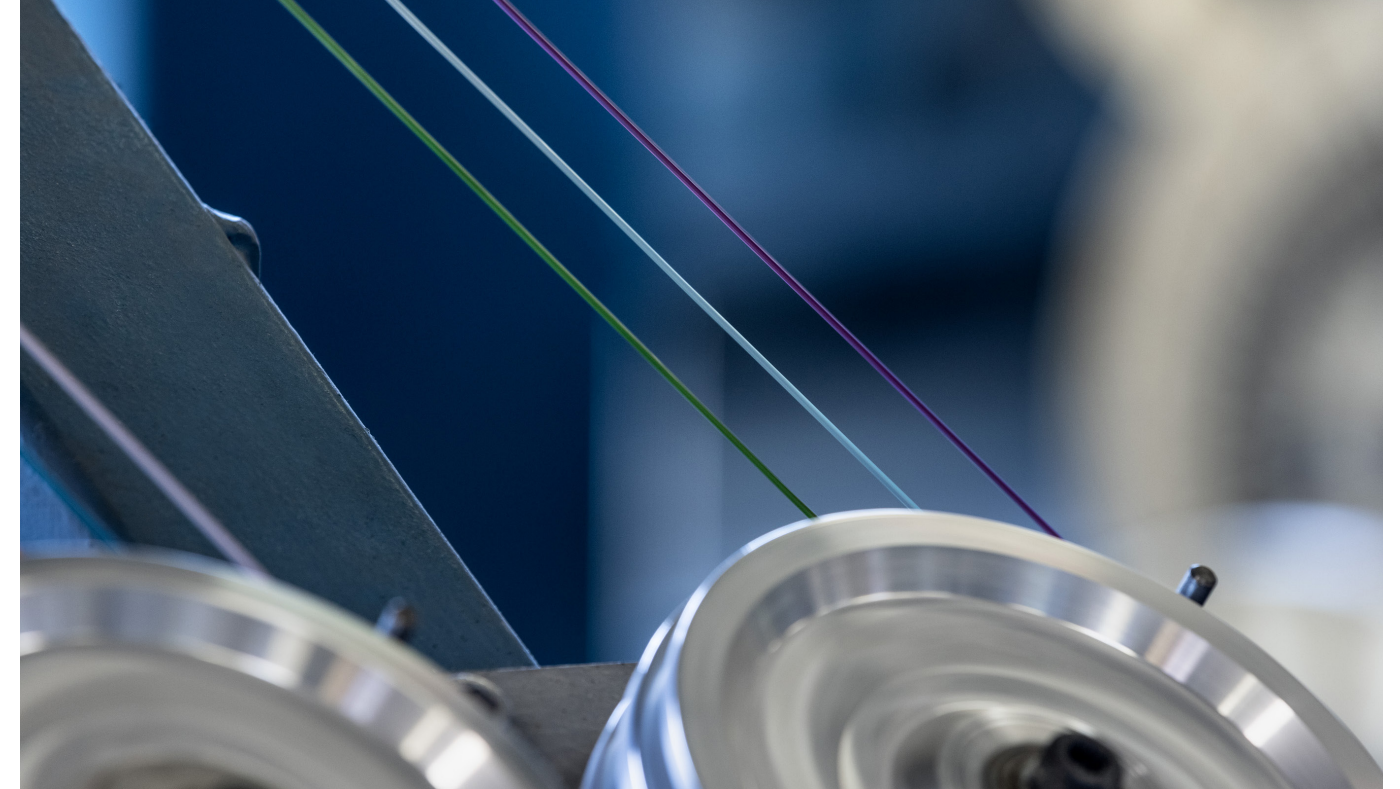
Adding the keys to maximize your outcome

There is a massive shortage of people who know how to optimally design, project manage and install fiber optic networks.

That’s why we offer customized training programs, field support, design and project management services.

Fiber Cable for Optical Networks		4
Loose Tube Cable		
Nylon Loose Tube Cables		7
Mini Nylon Loose Tube Cable		8
Armoured Loose Tube Cable		9
Air Blown Cable		
Micro Cable		11
Micro Cable - Super Slim		12
Nano Cable		13
Air Blown Fiber		
Air Blown Fiber Units		15
Air Blown Fiber Units - Preterminated		16





Fiber Cable for Optical Networks

Hexatronic's cable for optical fiber networks, includes everything you need for local, fiber to the home, carrier and transport networks. Innovative cable products, specially designed to offer fast, efficient and flexible fiber distribution.

All products have been designed with high demands on scalability, performance and reliability in order to providing the lowest total cost to the owner:

Low initial investment cost

- Combining Hexatronics loose tube, micro cables, nano cables and blown fiber makes it easy to connect optical networks. New fiber is easily installed through direct burial, cable hauling into ducts or blowing with air into microducts.
- Utilising blown fiber technology means lower up-front costs for fiber installation, as microduct cable blow-in allows fiber to be installed only for capacity required to be connected at the time of installation. Additional capacity can be added quickly, easily and at low cost by blowing cables into existing micro pipes.

Flexibility

- Particularly when utilising microduct technology, fiber capacity does not need to be installed initially to meet any future requirements, as the network can be easily expanded by retrofitting additional cables. The number of fibers can be increased as needed.

- Necessary repairs and other changes to the network are easy to implement. Repairs is fast and performed with minimal disruption to operational networks.

System solutions

To simplify design and planning, the Hexatronic's fiber access system is divided into three main types:

- Loose tube cable
- Air blown cable
- Air blown fiber

Loose Tube Cable

Hexatronic's range of loose tube cable includes a range of options for existing duct, new duct and direct buried applications. These cables are suited to short and long haul backbone applications and campus area duct networks. Rural and interstate transport networks are also covered by our range of high performance cable options.

Our conventional loose tube cable can be found across a range of business, infrastructure and carrier networks Australia wide. Suited to the harsh conditions experienced across the country, with tailored jacketing and armouring to withstand the typical problems encountered.

Air Blown Cable

Air-blown technology gives the fastest and most hassle-free underground installation at typically up to 30% lower total installation cost.

The **Hexatronic Viper** cable range for feeder and distribution networks operates within the Hexatronic microduct system. These cables are available from as little as 2 fibers up to as many as 864 fibers and generally form the feeder and distribution segments of a FTTH network. With impressive installation speed and distance, Hexatronic Viper cables increase speed of deployment and reduce total cost of ownership to the network owner. In transport networks, the high fiber counts available and impressive duct utilisation allows for higher densities and more available bandwidth for carriers and data centres

Hexatronic Raptor cables range is typically suited to the distribution and access networks of Fiber to the home networks. Their unchallenged installation distance and low cost design allows otherwise uneconomic rural networks to be feasible by greatly reducing the civil works required.

Air Blown Fiber

The **Hexatronic Stingray** air blown fiber units are the perfect option for fiber drops in fiber to the home networks. Owing to their unique design, compact size and light weight, Stingray can be blown with simple tooling in a fast, low-cost and efficient manner. Stingray holds up in an extremely wide temperature range and is suitable for the harshest environments. It's extremely minimal size cuts down on logistics and handling, ensuring quicker deployment and low cost to the network owner.

Available as bulk pans or preterminated for plug and play activation and in multiple modes and fiber counts, Stingray fiber can be found in a range of networks from metro and rural FTTH, to enterprise networks including ports, education facilities, defence networks and hospitals in Australia and across the globe.

Contact Hexatronic for more information on what product or solution best fits your network requirement.

Loose Tube Cable



Conventional Loose Tube Cable

Conventional loose tube cables are characterised by robust mechanical properties for hauling into standard duct networks. Available in 6 to 288 fiber variants. Hexatronic offers a wide range of conventional loose tubes in both multimode and singlemode variants that can be integrated into new and existing networks.

Nylon Loose Tube Cable

HDPE/PA 6-288 fibers TIA598

- Up to 288 fibers
- Suitable for installation in duct
- Excellent optical performance with low loss fibers
- A dry cable design - easy to prepare and identify fibers
- Fully dielectric design
- Excellent mechanical performance
- UV stabilised materials
- Termite protected design

Applications

The nylon loose-tube cable series combines robust design, ultra-low attenuation and excellent installation performance. Nylon loose tube is designed for use in termite prone areas as the hard outer nylon jacket provides protection against termites and insects. The SZ stranded loose tubes

provide excellent performance even under significant tensile loads.

Design

The cables are based on a dry water blocked concentric core, loose tube design with up to 24 tubes per cable.

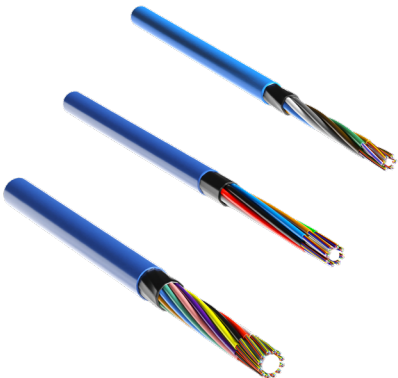
The cables have one or two layers of protective SZ laid tubes made of a robust PBT compound where each tube has 12 fibers. (excluding 6f)

The tubes are jacketed by a black HDPE and blue Nylon sheath in compliance with AS 1049.

The design facilitates easy fiber preparation and mid-span access.

Colour

Blue



Article number	Article name	Fiber count	Layout	Tensile force [N]	Crush [N/100mm]	Bend rad. [mm]	Diameter Ø [mm]	Weight [kg/km]
OSA-FSM-006LT	HDPE/PA 6F G652D TIA	6	1×6	2000	2000	200	10.0	75
OSA-FSM-012LT	HDPE/PA 12F G652D TIA	12	1×12	2000	2000	200	10.0	75
OSA-FSM-024LT	HDPE/PA 24F G652D TIA	24	2×12	2000	2000	200	10.0	75
OSA-FSM-048LT	HDPE/PA 48F G652D TIA	48	4×12	2000	2000	200	10.0	75
OSA-FSM-072LT	HDPE/PA 72F G652D TIA	72	6×12	2000	2000	200	10.0	75
OSA-FSM-096LT	HDPE/PA 96F G652D TIA	96	8×12	2500	2000	215	10.7	75
OSA-FSM-144LT	HDPE/PA 144F G652D TIA	144	12×12	3000	2000	275	13.6	95
OSA-FSM-288LT	HDPE/PA 288F G652D TIA	288	24×12	3000	2000	315	15.6	153
OSA-FM1-006LT	HDPE/PA 6F OM1 TIA	6	1×6	2000	2000	200	10.0	195
OSA-FM1-012LT	HDPE/PA 12F OM1 TIA	12	1×12	2000	2000	200	10.0	75
OSA-FM1-024LT	HDPE/PA 24F OM1 TIA	24	2×12	2000	2000	200	10.0	75
OSA-FM1-048LT	HDPE/PA 48F OM1 TIA	48	4×12	2000	2000	200	10.0	75
OSA-FM3-006LT	HDPE/PA 6F OM3 TIA	6	1×6	2000	2000	200	10.0	75
OSA-FM3-012LT	HDPE/PA 12F OM3 TIA	12	1×12	2000	2000	200	10.0	75
OSA-FM3-024LT	HDPE/PA 24F OM3 TIA	24	2×12	2000	2000	200	10.0	75
OSA-FM3-048LT	HDPE/PA 48F OM3 TIA	48	4×12	2000	2000	200	10.0	75
OSA-FM4-006LT	HDPE/PA 6F OM4 TIA	6	1×6	2000	2000	200	10.0	75
OSA-FM4-012LT	HDPE/PA 12F OM4 TIA	12	1×12	2000	2000	200	10.0	75
OSA-FM4-024LT	HDPE/PA 24F OM4 TIA	24	2×12	2000	2000	200	10.0	75
OSA-FM4-048LT	HDPE/PA 48F OM4 TIA	48	4×12	2000	2000	200	10.0	75

Mini Nylon Loose Tube Cable

HDPE/PA 6-288 fibers TIA598

- Features**
- Up to 288 fibers
 - Suitable for installation in duct
 - Excellent optical performance with low loss fibers
 - A dry cable design - easy to prepare and identify fibers
 - Fully dielectric design
 - Excellent mechanical performance
 - UV stabilised materials
 - Termite protected design

Application
The mini nylon loose-tube cable series combines ultra-low attenuation, state of the art installation performance and ultra compact size. Reduced diameter loose tube combines the same excellent performance of standard nylon loose tube, in a robust and compact form factor. Its reduced size is a

benefit to both asset owners and installers, facilitating faster installation, easier handling, and less duct congestion.

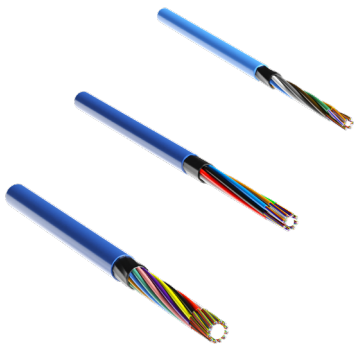
Design
The cables are based on a dry water blocked concentric core, slim loose tube design with up to 12 tubes per cable.

The cables have one or two layers of protective SZ laid tubes made of a robust PBT compound where each tube has 12 fibers. (excluding 6f)

The tubes are jacketed by a black HDPE and blue Nylon sheath in compliance with AS 1049.

The design facilitates easy fiber preparation and mid-span access.

Colour
Blue



Article number	Article name	Fiber count	Layout	Tensile force [N]	Crush [N/100mm]	Bend rad. [mm]	Diameter Ø [mm]	Weight [kg/km]
OSA-FSM-006MLT	Mini HDPE/PA 6F G652D TIA	6	1×6	1000	2000	130	6.3	33
OSA-FSM-012MLT	Mini HDPE/PA 12F G652D TIA	12	1×12	1000	2000	130	6.3	33
OSA-FSM-024MLT	Mini HDPE/PA 24F G652D TIA	24	2×12	1000	2000	130	6.3	33
OSA-FSM-048MLT	Mini HDPE/PA 48F G652D TIA	48	4×12	1000	2000	130	6.3	33
OSA-FSM-072MLT	Mini HDPE/PA 72F G652D TIA	72	6×12	1000	2000	130	6.3	33
OSA-FSM-096MLT	Mini HDPE/PA 96F G652D TIA	96	8×12	2000	2000	150	7.4	49
OSA-FSM-144MLT	Mini HDPE/PA 144F 200um G657A1 TIA	144	12×12	2000	2000	170	8.4	62
OSA-FSM-288MLT	Mini HDPE/PA 288F G652D TIA	288	24×12	2000	2000	220	10.8	100
OSA-FM3-006MLT	Mini HDPE/PA 6F OM3 TIA	6	1×6	1000	2000	130	6.3	33
OSA-FM3-012MLT	Mini HDPE/PA 12F OM3 TIA	12	1×12	1000	2000	130	6.3	33
OSA-FM3-024MLT	Mini HDPE/PA 24F OM3 TIA	24	2×12	1000	2000	130	6.3	33
OSA-FM4-006MLT	Mini HDPE/PA 6F OM4 TIA	6	1×6	1000	2000	130	6.3	33
OSA-FM4-012MLT	Mini HDPE/PA 12F OM4 TIA	12	1×12	1000	2000	130	6.3	33
OSA-FM4-024MLT	Mini HDPE/PA 24F OM4 TIA	24	2×12	1000	2000	130	6.3	33

Armoured Loose Tube Cable

Armoured loose tube cables are designed for challenging environments that required additional protection beyond the level provided by conventional loose tube variants. The addition of a layer of glass reinforced polymer armouring and sacrificial outer sheath to the conventional design offers protection against rodents while adding additional compressive and tensile strength. Available from 6 to 288 fibers, armoured loose tube is intended for installation into ducts or via direct burial.

GRP Armoured Loose Tube Cable

GRP/PA 6-288 fibers TIA598

- Features**
- Up to 288 fibers
 - Slim yet very durable armoured design
 - Suitable for direct bury or pulling through duct
 - Excellent optical performance with low loss G652.D fibers
 - A dry cable design - easy to prepare and identify fibers
 - Dielectric armoured design
 - High crush resistance
 - UV stabilised materials
 - Rodent and termite proof design

Application
The outdoor GRP and nylon loose-tube cable series combines state of the art installation performance, ultra-low attenuation and a high mechanical and environmental performance.

The cable type is typically used in transport applications such as terrestrial long-haul or metro

networks where a low attenuation, high performance optical cable is required.

The protected armoured design is suited to areas where resistance to termites and resistance to rodents are prime concerns.

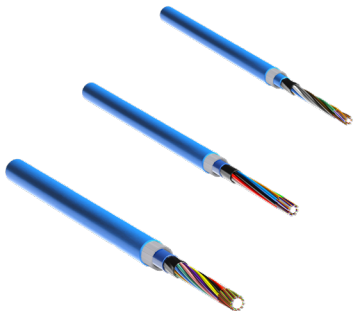
Design
The cables are based on a dry water blocked concentric core, slim loose tube design with up to 24 tubes per cable.

The cables have one or two layers of protective SZ laid tubes made of a robust PBT compound where each tube has 12 fibers. (excluding 6f)

The tubes are sheathed by inner HDPE and Nylon sheaths, protected by flat GRP rods, and jacketed in a sacrificial outer sheath.

The design facilitates easy fiber preparation and mid-span access.

Colour
Blue



Article number	Article name	Fiber count	Layout	Tensile force [N]	Crush [N/100mm]	Bend rad.[mm]	Diameter Ø [mm]	Weight [kg/km]
OSA-FSM-006LT-GRP	GRP/PA 6F G652D TIA	6	1×6	4000	4000	280	14.0	170
OSA-FSM-012LT-GRP	GRP/PA 12F G652D TIA	12	1×12	4000	4000	280	14.0	170
OSA-FSM-024LT-GRP	GRP/PA 24F G652D TIA	24	2×12	4000	4000	280	14.0	170
OSA-FSM-048LT-GRP	GRP/PA 48F G652D TIA	48	4×12	4000	4000	280	14.0	170
OSA-FSM-072LT-GRP	GRP/PA 72F G652D TIA	72	6×12	4000	4000	280	14.0	170
OSA-FSM-096LT-GRP	GRP/PA 96F G652D TIA	96	8×12	4000	4000	310	15.5	205
OSA-FSM-144LT-GRP	GRP/PA 144F G652D TIA	144	12×12	4000	4000	360	18.0	265
OSA-FSM-288LT-GRP	GRP/PA 288F G652D TIA	288	24×12	4000	4000	420	20.5	320

Air Blown Cable



Hexatronic Viper Micro Cable

Micro cables are extra thin fiber optic cables that are intended to be installed by blowing into microducts. Micro cables with fiber counts from 2 to 864 fibers are available. Hexatronic offers a wide range of micro cables for all applications; cost-effective solutions for general purpose or high-performance cables with improved installation performance that makes installation quick and easy and lowers your total cost.



High Performance Micro Cable

GNHL 2-432 fiber G657A1 TIA

Features

- Up to 432 fibers
- Super slim design
- Excellent installation performance
- Unique design with robust inner tubes that do not kink
- Temperature range from -45 to +70°C
- Excellent bend performance, ≥70 mm
- Easy to prepare and identify fibers
- Ultra low attenuation in cable

Applications

The Hexatronic Viper series of micro cables are characterized by state of the art installation performance when installed by blowing into microducts. Particularly, installations in access networks with difficult routes, which are facilitated by the enhanced performance of the Viper cables.

All parameters such as cable diameter, sheath friction, cable stiffness etc are optimized for best installation performance without compromising mechanical or environmental properties

The micro cables are based on a slim loose tube

design with up to 36 tubes per cable. The design facilitates fiber preparation and mid-span access. The cables are suitable for long-distance, air blown installation in microducts, with an inner diameter of as little as 8 to 12 mm. The cables have excellent bend performance and an extremely wide operational temperature range.

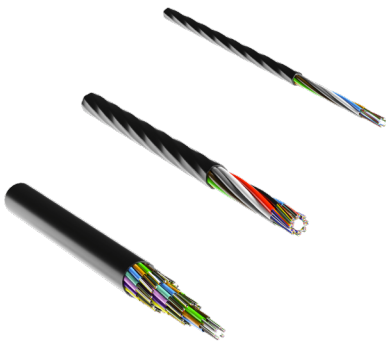
Design

The Micro Cables are designed with one, two or three layers of inner protective tubes made of a unique Polyamide compound. The Polyamide gives a special strength to the product, while increasing the bending properties as well as other benefits such as extreme temperature resistance. Each tube contains 12 or 24 fibers.

As a result, The Viper Micro Cables are more durable during the installation process as they are able to withstand rough handling. The unique cable design with an extended operational temperature range of -45 to +70°C can be used in many environments, on all continents where heat and cold are often a major concern.

Colour

Black



Article number	Article name	Fiber count	Layout	Tensile force [N]	Crush [N/100mm]	Bend rad.[mm]	Diameter Ø [mm]	Weight [kg/km]
TOL4019033/2C	GNHL 2/T2 G657A1 TIA	2	1×2	430	1000	75	4.2	11.5
TOL4019033/4C	GNHL 4/T4 G657A1 TIA	4	1×4	430	1000	75	4.2	11.5
TOL4019033/8C	GNHL 8/T4 G657A1 TIA	8	2×4	430	1000	75	4.2	11.5
TOL4019033/12C	GNHL 12/T4 G657A1 TIA	12	3×4	430	1000	75	4.2	11.5
TOL4019033/24C	GNHL 24/T4 G657A1 TIA	24	6×4	430	1000	75	4.2	11.5
TOL4019022/12C	GNHLDV 12/T12 G657A1 TIA	12	1×12	1200	2000	75	5.7	28
TOL4019022/24C	GNHLDV 24/T12 G657A1 TIA	24	2×12	1200	2000	75	5.7	28
TOL4019022/36C	GNHLDV 36/T12 G657A1 TIA	36	3×12	1200	2000	75	5.7	28
TOL4019022/48C	GNHLDV 48/T12 G657A1 TIA	48	4×12	1200	2000	75	5.7	28
TOL4019022/72C	GNHLDV 72/T12 G657A1 TIA	72	6×12	1200	2000	75	5.7	28
TOL4019032/96C	GNHLDV 96/T12 G657A1 TIA	96	8×12	1200	2000	80	6.1	28
TOL4019032/144C	GNHLDV 144/T12 G657A1 TIA	144	12×12	1200	2000	80	7.9	35
TOL4019032/144C	GNHL 144/T24 G657A1 TIA	144	6×24	1600	2000	70	6.7	35
TOL4019022/192C	GNHLDV 192/T24 G657A1 TIA	192	8×24	2500	2000	80	7.9	47
TOL4019039/288C	GNHL 288/T12 G657A1 TIA	288	24×12	3000	2000	80	10.3	60
TOL4019028/432C	GNHL 432/T12 G657A1 TIA	432	36×12	1800	2000	175	11.7	98

High Performance Micro Cable - Super Slim

GNHL 12-864 fiber G657A1 200 µm TIA

Features

- Super slim design with 200um fibers
- Up to 864 fibers
- Excellent installation performance
- Unique design with robust inner tubes that do not kink
- Temperature range from -40 to +70°C (12-96f: -35 to +70°C)
- Excellent bend performance, ≥30 mm
- Easy to prepare and identify fibers

Application

The Hexatronic Viper series of micro cables are characterized by state of the art installation performance when installed by blowing into microducts. Particularly, installations in access networks with difficult routes, which are facilitated by the enhanced performance of the Viper cables.

All parameters such as cable diameter, sheath friction, cable stiffness etc are optimized for best

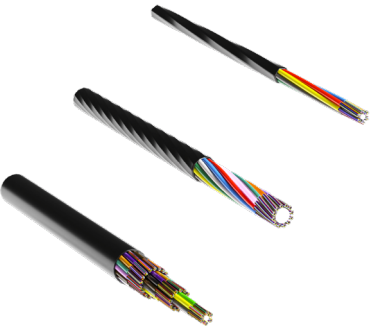
installation performance without compromising mechanical or environmental properties. The micro cables are based on a slim loose tube design with up to 36 tubes per cable. The design facilitates fiber preparation and mid-span access. The cables are suitable for long-distance, air blown installation in microducts, with an inner diameter of 8 to 16 mm, depending on fiber count. The cables have excellent bend performance and an extremely wide operational temperature range.

Design

The Micro Cables are designed with one, two or three layers of inner protective tubes made of a unique compound. The compound gives a special strength to the product, while increasing the bending properties as well as other benefits such as extreme temperature resistance. To enable installation into smallest possible microducts, the Hexatronic Viper super slim series is designed with 200 µm fibers.

Colour

Black



Article number	Article name	Fiber count	Layout	Tensile force [N]	Crush [N/100mm]	Bend rad. [mm]	Diameter Ø [mm]	Weight [kg/km]
TOL4019038/12C	GNHL 12/T12 G657A1 200um TIA	12	1×12	600	1000	80	4.3	14
TOL4019038/24C	GNHL 24/T12 G657A1 200um TIA	24	2×12	600	1000	80	4.3	14
TOL4019038/48C	GNHL 48/T12 G657A1 200um TIA	48	4×12	800	1000	80	4.3	14
TOL4019038/72C	GNHL 72/T12 G657A1 200um TIA	72	6×12	800	1000	80	4.3	14
TOL4019038/96C	GNHL 96/T12 G657A1 200um TIA	96	8×12	1500	1000	80	5.1	17
TOL4019035/144C	GNHL 144/T24 G657A1 200um TIA	144	6×24	1500	3000	100	5.6	26
TOL4019035/192C	GNHL 192/T24 G657A1 200um TIA	192	8×24	2000	3000	100	6.7	38
TOL4019038/288C	GNHL 288/T12 G657A1 200um TIA	288	24×12	2000	2000	100	7.95	65
TOL4019035/288C	GNHL 288/T24 G657A1 200um TIA	288	12×24	3000	3000	100	8.5	57
TOL4019035/432C	GNHL 432/T24 G657A1 200um TIA	432	18×24	2500	1500	100	8.8	56
TOL4019035/576C	GNHL 576/T24 G657A1 200um TIA	576	24×24	3800	1500	120	10.5	80
TOL4019035/864C	GNHL 864/T24 G657A1 200um TIA	864	36×24	4500	1800	120	11.7	100

Hexatronic Raptor Nano Cable

Nano Cables are slim cables that can be installed in all types of microducts with an inner diameter of 3.5 up to 12 mm. Nano Cables are frequently used for drop connections in long distance and rural Fiber To The Home installations as well as other fiber applications.



High Performance Nano Cable

GAHL/GPL 2-24 fiber G657A1 TIA

Features

- Slim design for installation into microducts down to 3.5mm inner diameter
- Installation by blowing or pushing
- Extra strong and durable, with integrated strength member
- Smooth, low-friction sheath
- Extra wide operational temperature range
- Excellent installation performance
- Temperature range from -45 to +70°C
- Halogen-free

Applications

The Hexatronic Raptor is a high performance Air Blown Nano Cable that will minimize initial investment and at the same time provide a future proof network that is easy to expand, upgrade and maintain. The main application areas are for fiber

access networks such as Fiber To The Home (FTTH) and Fiber To The Antenna (FTTA). The cable is intended for installation in microducts with an inner diameter from 3.5mm up to 12mm.

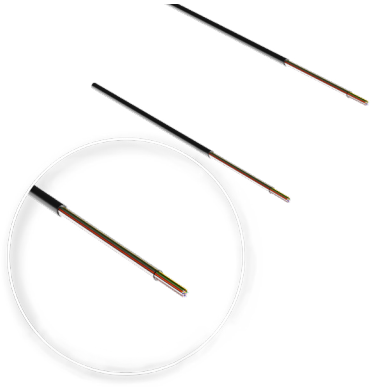
Design

The Hexatronic Air Blown Nano Cable has a unique design that 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.

With the integrated strength member, the cable is ideal for both blowing and pushing. The strength member also adds increased stability and robustness to the cable. The cable is available with single mode bend resistant G657A1.

Colour

Black



Article number	Article name	Fiber count	Layout	Tensile force [N]	Crush [N/100mm]	Bend rad. [mm]	Diameter Ø [mm]	Weight [kg/km]
TOL4019050/2C	GAHL 2/A2 G657A1 TIA598	2	1×2	80	1000	25	2.0	4.3
TOL4019050/4C	GAHL 4/A4 G657A1 TIA598	4	1×4	80	1000	25	2.0	5
TOL4019050/6C	GAHL 6/A6 G657A1 TIA598	6	1×6	80	1000	25	2.0	5
TOL4019050/8C	GAHL 8/A8 G657A1 TIA598	8	1×8	80	1000	25	2.0	6.5
TOL4019050/12C	GALKDHR 12/A12 G657A1 TIA598	12	1×12	50	1000	35	2.1	8
TOL4019070/24C	GPL 24/T24 G657A1 TIA598	24	1×24	50	300	45	2.4	8

Air Blown Fiber

Hexatronic Stingray Air Blown Fiber

Air Blown Fibers (ABF) are extremely slim cable units with a diameter of only 1.1 to 1.6 mm. Despite the super slim design each Air Blown Fiber has a capacity of 2 to 24 fibers. Air Blown Fibers can be installed in all types of microducts with an inner diameter of 2 up to 6 mm. Hexatronic Stingray is a high performance Air Blown Fiber with class leading long distance installation performance.



High Performance Air Blown Fiber

ABF 2-24 fibers TIA - Box

Features

- Extra strong and durable design
- Smooth, low-friction sheath
- 2, 4, 6, 8, 12 or 24 fiber
- Bend insensitive fibers
- Extra wide operational temperature range
- Water and Ice tested
- State of the art blowing performance
- Zero sheath shrinkage

Applications

Hexatronic Stingray is a high performance Air Blown Fiber Unit (ABFU) intended for blowing into microducts. The main application area of singlemode ABFU is for fiber access networks such as Fiber To The Home (FTTH).

Multimode ABFUs are typically employed in enterprise networks such as airports, container ports and hospitals.

Design

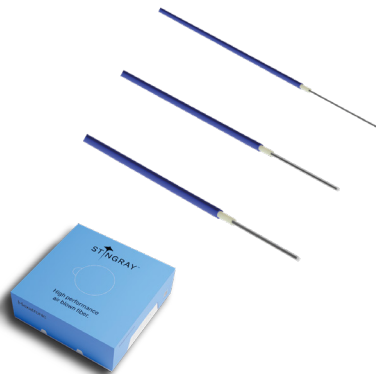
The Hexatronic Stingray Air Blown Fiber is designed with durability and performance in mind. The unique design offers a combination of properties previously not available on the market. A sturdy fiber unit with state of the art fiber blowing performance increases the installation success rate and provides quick and problem free installation. The Stingray has a unique sheath material with zero sheath shrinkage, which means no fragile splice points or sensitive installations in wall outlets or fiber cabinets.

The Air Blown Fiber unit is coloured 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.

Colour

Dark Blue



Article number	Article name	Fiber count	Layout	Tensile force [N]	Bend rad. [mm]	Diameter Ø [mm]	Weight [kg/km]
KRPM258019	ABF 2 G657A2 TIA598 PAN	2	1×2	12	20	1.1	0.94
KRPM258022	ABF 4 G657A2 TIA598 PAN	4	1×4	20	20	1.1	1.02
KRPM258041	ABF 6 G657A2 TIA598 PAN	6	1×6	36	25	1.25	1.2
KRPM258034	ABF 8 G657A2 TIA598 PAN	8	1×8	48	35	1.4	1.59
KRPM258044	ABF 12 G657A2 TIA598 PAN	12	1×12	70	35	1.4	1.65
KRPM259101	ABF 12 200um G657A1 TIA598 PAN	12	1×12	70	25	1.3	1.58
KRPM259102	ABF 24 200um G657A1 TIA598 PAN	24	1×24	140	40	1.6	2.42
KRPM258023	ABF 12 MM 50µm OM3 TIA598 PAN	12	1×12	30	40	1.4	1.65
KRPM258030	ABF 12 MM 50µm OM4 TIA598 PAN	12	1×12	30	40	1.4	1.65

High Performance Air Blown Fiber – Dual-end, Pre-terminated

ABF 1 fiber G657A2 TIA598 - Reel

Features

- Pre-terminated fiber on reel
- Blowable ferrule at outer end
- Time saving installation
- Extra strong and durable design
- Smooth, low-friction sheath
- G657A2 bend resistant fiber
- Extra wide operational temperature range
- Water and Ice tested
- State of the art blowing performance
- Zero sheath shrinkage

Applications

Hexatronic Stingray is a high performance Air Blown Fiber Unit intended for blowing into microducts. The main application area is for last mile fiber applications in Fiber To The Home (FTTH) networks.

Design

The Hexatronic Stingray Air Blown Fiber is designed

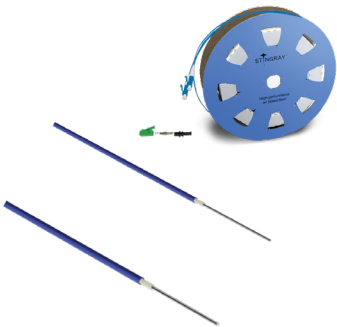
with durability and performance in mind. The unique design offers a combination of properties previously not available on the market. A sturdy fiber unit with state of the art fiber blowing performance increases the installation success rate and provides quick and problem free installation. The Stingray 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 coloured 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.

Colour

Dark Blue



Article number	Article name	Tensile force [N]	Bend rad. [mm]	Diameter Ø [mm]	Length
1/RPM258303/25M	ABF 1 LC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 25M	5	20	1.1	25
1/RPM258303/50M	ABF 1 LC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 50M	5	20	1.1	50
1/RPM258303/75M	ABF 1 LC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 75M	5	20	1.1	75
1/RPM258303/100M	ABF 1 LC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 100M	5	20	1.1	100
1/RPM258303/150M	ABF 1 LC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 150M	5	20	1.1	150
1/RPM258303/200M	ABF 1 LC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 200M	5	20	1.1	200
1/RPM258303/250M	ABF 1 LC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 250M	5	20	1.1	250
1/RPM258303/300M	ABF 1 LC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 300M	5	20	1.1	300
1/RPM258303/350M	ABF 1 LC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 350M	5	20	1.1	350
1/RPM258303/400M	ABF 1 LC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 400M	5	20	1.1	400
1/RPM258303/450M	ABF 1 LC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 450M	5	20	1.1	450
1/RPM258303/500M	ABF 1 LC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 500M	5	20	1.1	500
1/RPM258305/25M	ABF 1 SC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 25M	5	20	1.1	25
1/RPM258305/50M	ABF 1 SC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 50M	5	20	1.1	50
1/RPM258305/75M	ABF 1 SC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 75M	5	20	1.1	75
1/RPM258305/100M	ABF 1 SC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 100M	5	20	1.1	100
1/RPM258305/150M	ABF 1 SC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 150M	5	20	1.1	150
1/RPM258305/200M	ABF 1 SC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 200M	5	20	1.1	200
1/RPM258305/250M	ABF 1 SC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 250M	5	20	1.1	250
1/RPM258305/300M	ABF 1 SC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 300M	5	20	1.1	300
1/RPM258305/350M	ABF 1 SC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 350M	5	20	1.1	350
1/RPM258305/400M	ABF 1 SC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 400M	5	20	1.1	400
1/RPM258305/450M	ABF 1 SC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 450M	5	20	1.1	450
1/RPM258305/500M	ABF 1 SC/APC-LC/APC Ferrule 2G657A2 TIA598 REEL, 500M	5	20	1.1	500

A lasting link to the future

hexatronic.com

Hexatronic enables non-stop connectivity for communities worldwide. We partner with customers across four continents – from telecom operators to network owners – offering leading-edge fiber technology and solutions for any and all conditions.

