

HEXATRONIC 

VIPER



Extremely slim and powerful micro cables
with ultimate performance

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Extra slim, flexible and robust micro cables with unbeatable blowing performance.

FEATURES

- Extra slim design for smooth installation in small diameter ducts
- Superior performance in all climates (- 45 - +70 °C)
- Small bending radius, down to 30 mm with standard G65A1 fiber
- Inner tubes that do not kink during installation
- Impact resistance exceeds the IEC specifications by a factor of x 3
- Standard 250µm G657A1 fiber, 100% compatible with G652D

VIPER 192F

- Extra slim design for smooth installation in ducts down to 10 mm
- 24 fibers in each tube

VIPER 144F

- Extra slim design for smooth installation in ducts down to 8 mm
- 24 fibers in each tube

VIPER 48-96

- Extra slim design for smooth installation in ducts down to 8 mm
- 12 fibers in each tube

VIPER 2-24F

- Super slim design for smooth installation in 5-12 mm ducts
- 4 fibers in each tube for smooth branching to residential properties
- Suitable as a drop cable in rural networks
- New sheath technology provides lower friction



2-24f
Ø 4.0 mm

48-72f
Ø 5.7 mm

96f
Ø 5,9 mm

144f
Ø 6.7 mm

192f
Ø 7.9 mm

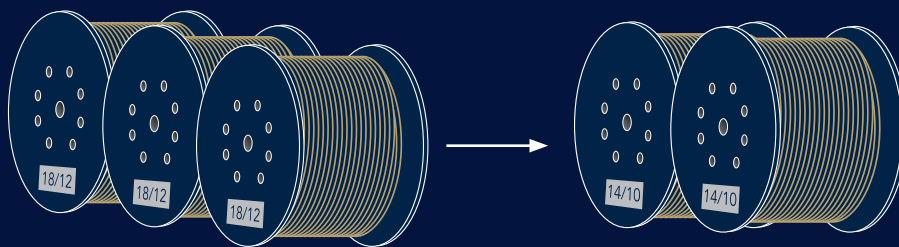
The Longest Blowing Distance on the Market – Over 2000 m

The superior blowing performance of the Viper series, enables a fast and smooth installation, which reduces installation cost and saves time.

Viper is the only micro cable series on the market that offers ultra slim design with standard and robust 250µm fibers.

The cables can be blown beyond 2000 m, which is over 25% further than a standard cable. This enables you to lower installation cost by up to 25%.

Smaller Ducts Make a Big Difference



The 144f and 192f Viper cables can easily be blown into a 14/10 duct, as opposed to standard micro cables that require a 18/12 duct or larger. 4 mm might sound marginal, but it actually equals a duct volume reduction of 40%.

Compared to a standard micro cable installed in larger ducts, the Viper series can be used which lowers costs of handling and transport by up to 40%. The material costs for ducts can be up to 30% lower.

The 2-24f Viper cable has a diameter of only 4 mm and can be installed in the most commonly used micro ducts with an inner diameter of 5.5 mm and upwards. The 2 fiber version of Viper can also be used as a cost-effective and robust connection cable in rural networks.

The latest addition to the Viper series, 48-96f, has a diameter of only 5.7-5.9 mm which means that it can be easily installed into micro ducts with a diameter of only 8mm. In cases where the air blowing takes place after ducting, accidental squashing or deformation can occur, but Viper 48-96 is often installed without problem, where other micro cables are at risk of getting stuck.

We offer advice and technical support

Hexatronic is always ready to answer your questions regarding ordering, installation or technical support. Contact us at **info@hexatronic.com**, **order@hexatronic.com** or visit **www.hexatronic.com**

Ordering Information

PRODUCT NO	DESCRIPTION
COLOR CODE S12	
TOL 401 9033/2AH	GNHL 2-f (1x2), G657A1, S12
TOL 401 9033/4AH	GNHL 4-f (1x4), G657A1, S12
TOL 401 9033/8AH	GNHL 8-f (2x4), G657A1, S12
TOL 401 9033/12AH	GNHL 12-f (3x4), G657A1, S12
TOL 401 9033/24AH	GNHL 24-f (6x4), G657A1, S12
TOL 401 9028/48AH	GNHL 48-f (4x12), G657A1, S12
TOL 401 9032/96AH	GNHL 96-f (8x12), G657A1, S12
TOL 401 9032/144AH	GNHL 144-f (6x24), G657A1, S12
TOL 401 9028/192AH	GNHL 192-f (8x24), G657A1, S12
COLOR CODE TIA-598 (BELLCORE)	
TOL 401 9033/2C	GNHL 2-f (1x2), G657A1, TIA-598
TOL 401 9033/4C	GNHL 4-f (1x4), G657A1, TIA-598
TOL 401 9033/8C	GNHL 8-f (2x4), G657A1, TIA-598
TOL 401 9033/12C	GNHL 12-f (3x4), G657A1, TIA-598
TOL 401 9033/24C	GNHL 24-f (6x4), G657A1, TIA-598
TOL 401 9022/48C	GNHL 48-f (4x12), G657A1, TIA-598
TOL 401 9032/96C	GNHL 96-f (8x12), G657A1, TIA-598
TOL 401 9032/144C	GNHL 144-f (6x24), G657A1, TIA-598
TOL 401 9022/192C	GNHL 192-f (8x24), G657A1, TIA-598

Other color code systems are available on request. Contact Hexatronic for details.

Rev B-2019



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