High Performance Nano Cable – 24 fibers

GPL 24 fibers, G657A1

Features

- 24 fiber ultra slim cable for microducts down to 3.5mm inner diameter
- Installation by blowing
- Extra strong and durable
- Smooth, low-friction sheath
- Excellent installation performance
- Available with bend resistant fiber, G657A1
- Temperature range from -20 to +70°C
- Halogen-free

Application

Hexatronic's high performance Air Blown Nano Cable 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. Optimal installation performance is obtained with ducts ID 5-10mm

Design

The new 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. The cable is available with single mode bend resistant G657A1 or G657A2 fibers.

Product Information

1 Primary coated fiber: Silica, acrylate

2 Filling compound: Thixotropic gel

3 Loose tube: Polymer

4 Sheath: Low friction thermoplastic

Technical Information

Product Color	Black Sheath
Temperature, Operation [°C]	-20 to +70
Temperature, Storage [°C]	-20 to +70
Temperature, Installation [°C]	-15 to +60
Fiber Type	G657A1
Attenuation @Wavelength [nm]	1310/1383/1550
Average Attenuation [dB/km]	0.36/0.36/0.22

Maximum Attenuation [dB/km]	0.38/0.38/0.25

Marking

Example of sheath marking, 1 time/meter: "HEXATRONIC A35 yymmddhh TOL4019070/24 GPL-K-DGV 24/T24 G657A1 xxxxx m" where yymmddhh = year, month, day and hour of manufacture, xxxxx=running meter marking.

Installation Notes

The cable is intended for installation in microducts with an inner diameter from 3.5mm up to 12mm. Optimal installation performance is obtained with - Ducts ID 5-10mm.

The cable should be installed at a temperature between -15 to +40°C. The cable shall not be stored in direct sunlight. The sun may heat up the cable over the permitted temperature limit.

Ordering Information

Supplied lengths: 2, 4 km

Articles 1

Article name	Color	No. of Fibers	Layout	Tensile Force, Installation [N]	Tensile Force, Operation [N]	Diameter Ø [mm]	Weight [kg/km]	Length [m]
GPL 24/T24 G657A1 TOL4019070/24	Black	24	1x24	50	30	2.4	8	2000/K4, 4000/K4