

RAPTOR™



High Performance Nano Cable

FTMU 2-12 fibers SML G657A1 FIN2012 - No Ripcord

Features

- Quick and easy sheath removal and fiber separation
- 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, -45 to +70°C
- Excellent installation performance
- Halogen-free

Application

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.

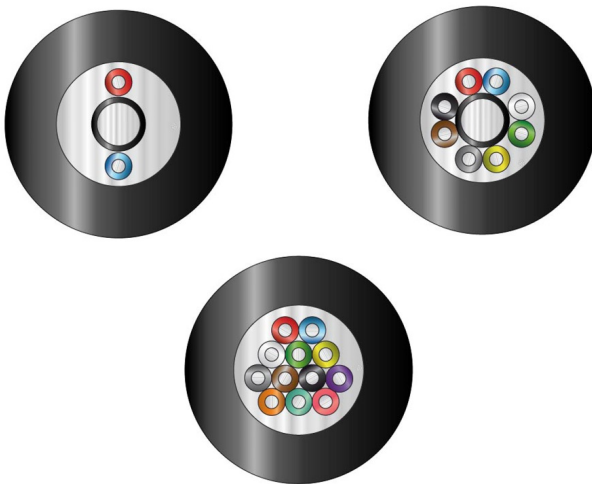
Design

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 fibers.

This new MKII version of the Hexatronic Raptor Nano Cable series has several improvements that saves time and costs during installation. Sheath removal and fiber separation is highly enhanced without the need for a ripcord.

Product Information



- 1 Primary coated fiber: Silica, acrylate
- 2 Buffer: UV-cured polymer layer.
- 3 Strength member: Coated glass fiber reinforced plastic
- 4 Low friction thermoplastic

Technical Information

Tuotteen väri	Black Sheath
Värijärjestys	FIN2012
Lämpötila, käyttö [°C]	-45 to +70
Lämpötila, varastointi [°C]	-45 to +70
Lämpötila, asennus [°C]	-15 to +60
Kuidun tyyppi	G657A1
Vaimennus @Aallonpituudella [nm]	1310/1383/1550
Keskimääräinen vaimennus [dB/km]	0.31/0.31/0.20
Max. vaimennus [dB/km]	0.38/0.38/0.25
Merkintä	Example of sheath marking, 1 time/meter: "HEXATRONIC A35 yymmddhh TOL4019080/8AH GAHL-K-DHR 8/A8 G657A1 S12" where yymmddhh = year, month, day and hour of manufacture, xxxx=running meter marking.
Asennustiedot	The cable is intended for installation in microducts with an inner diameter from 3.5mm up to 12mm. 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.
Tilautiedot	Supplied lengths: 1, 2, 4 km

Articles 5

Article name	Väri	Kuitujen lkm	Asettelu	Taivutussäde [mm]	Vetolujuus, asennettaessa [N]	Puristuslujuus [N/100 mm]	Isku [J]	Halkaisija Ø [mm]	Paino [kg/km]	Pituus [m]
FTMU 2xSML Nano G657 TOL4019080/2AL	Black	2	1x2	25	80	700	1	2.0	4.3	4000/FLAST
FTMU 4xSML Nano G657 TOL4019080/4AL	Black	4	1x4	25	80	900	0.5	2.0	5	4000/FLAST, 2000/FLAST
FTMU 6xSML Nano G657 TOL4019080/6AL	Black	6	1x6	25	80	900	0.5	2.0	5	4000/FLAST
FTMU 8xSML Nano G657 TOL4019080/8AL	Black	8	1x8	25	80	900	0.5	2.0	6.5	4000/FLAST
FTMU 12xSML Nano G657 TOL4019080/12AL	Black	12	1x12	35	50	1000	0.7	2.1	8	6000/FLAST, 4000/FLAST