

RAPTOR™



High Performance Nano Cable

FTMU 2-12 fibers SML G657A1 FIN2012

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

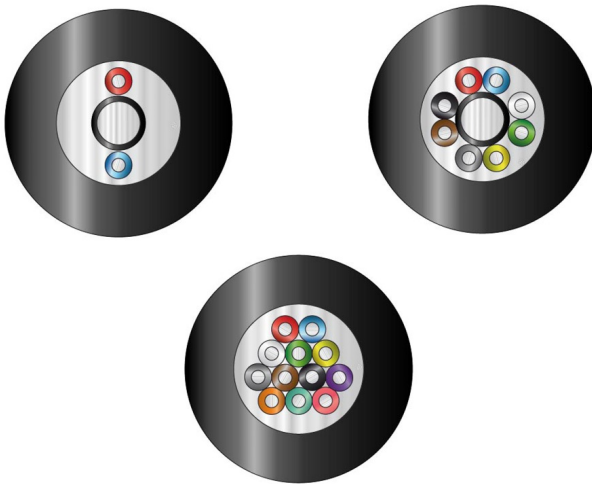
Application

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.

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.

Product Information



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

Technical Information

Tuotteen väri	Black Sheath
Värijärjestys	FIN2012
Lämpötila, käyttö [°C]	-45 to +70
Lämpötila, varastointi [°C]	-45 to +70
Lämpötila, asennus [°C]	-20 to +60
Kuidun tyyppi	G657A1
Vaimennus @Aallonpituudella [nm]	1310/1383/1550
Keskimääräinen vaimennus [dB/km]	0.36/0.36/0.22
Max. vaimennus [dB/km]	0.38/0.38/0.25
Merkintä	Example of sheath marking, 1 time/meter: "HEXATRONIC yymmddhh TOL4019051/8AL FTMU 8 x SML Nano G.657 xxxx m" 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.
Tilastiedot	Supplied lengths: 1, 2, 4 km

Technical Details

FIN-2012 Kuidut ja putkipäällysteet Fibers and Tubes	1	2	3	4	5	6	7	8	9	10	11	12
	Sininen Blue	Valkoinen White	Keltainen Yellow	Vihreä Green	Harmaa Grey	Oranssi Orange	Ruskea Brown	Turkoosi Turquoise	Musta Black	Violetti Violet	Vaalean- punainen Pink	Punainen Red
	13	14	15	16	17	18	19	20	21	22	23	24
	Sininen Blue	Valkoinen White	Keltainen Yellow	Vihreä Green	Harmaa Grey	Oranssi Orange	Ruskea Brown	Turkoosi Turquoise	Läpinäkyvä Clear	Violetti violet	Vaalean- punainen Pink	Punainen Red

Articles 4

Article name	Sähkönumero	Väri	Kuitujen lkm	Asettelu	Taivutus säde [mm]	Vetolujuus, asennettaessa [N]	Puristuslujuus, asennettuna [N]	Halkaisija Ø [mm]	Paino [kg/km]	Pituus [m]	
FTMU 2xSML Nano G657 TOL4019051/2AL	0210500	Black	2	1x2	25	80	50	1000	2.0	4.3	4000
FTMU 4xSML Nano G657 TOL4019051/4AL	0210501	Black	4	1x4	25	80	50	1000	2.0	5	2000, 4000
FTMU 4xSML Nano G657 TOL4019051/8AL	0210503	Black	8	1x8	25	80	–	1000	2.0	6.5	4000
FTMU 12xSML Nano G657 TOL4019051/12AL	0210504	Black	12	1x12	35	50	30	1000	2.1	8	6000, 4000