

# High Performance Nano Cable

2-12 fibers G657A1 TIA598

#### **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



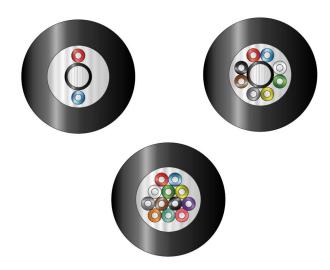
# Application

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.

#### **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**

Product Color Black Sheath

Color Code TIA598

**Temperature, Operation [°C]** -45 to +70

Temperature, Storage [°C] -45 to +70

Temperature, Installation [°C] -20 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 TOL4019050/8C GAHL-K-DHR 8/A8

G657A1 TIA598 xxxx m" where yymmddhh = year, month, day and hour of manufacture, xxxx=running meter marking.

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.

Ordering Information Supplied lengths: 1, 2 and 4 km

### **Technical Details**



TIA 598 Color Code Chart



# Articles 5

Article name	color	<b>~</b> 0.	Ribers	it gend	Padius Iri	inil Je Force I	ne force.	Refaion I I dent	M Rich direct Reight	n Leaghtraí
<b>GAHL 2/A2 G657A1 TIA598</b> TOL4019050/2C	Black	2	1x2	25	80	50	1000	2.0	4.3	4000
<b>GAHL 4/A4 G657A1 TIA598</b> TOL4019050/4C	Black	4	1x4	25	80	50	1000	2.0	5	4000, 2000
<b>GAHL 6/A6 G657A1 TIA598</b> TOL4019050/6C	Black	6	1x6	25	80	50	1000	2.0	5	4000
<b>GAHL 8/A8 G657A1 TIA598</b> TOL4019050/8C	Black	8	1x8	25	80	50	1000	2.0	6.5	4000
<b>GAL-K-DHR 12/A12 G657A1 TIA598</b> TOL4019050/12C	Black	12	1x12	35	50	30	1000	2.1	8	4000