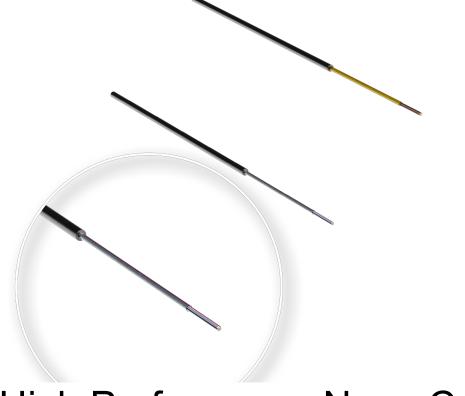
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High Performance Nano Cable

GAHL 2-12 fibers, GAL 12 fibers G657A1 S12, with ripcord

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

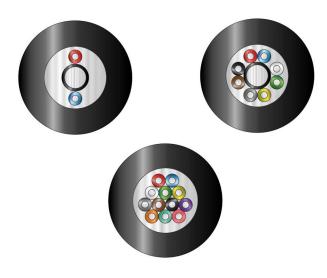
Application

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 (in 2-8F versions)
- **4** Sheath: Low friction thermoplastic
- 5 Ripcord: Polyester yarn

Technical Information

Product Color	Black Sheath
Color Code	S12
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 Installation Notes	Example of sheath marking, 1 time/meter: "HEXATRONIC A35 yymmddhh TOL4019050/12AH GAL-K- DHR 12/A12 G657A1 S12 xxxx m" where yymmddhh = year, month, day and hour of manufacture, xxxx=running meter marking. The cable is intended for installation in microducts with an inner diameter from 3.5mm up to 12mm.
Ordering Information	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. Supplied lengths: 1, 2 and 4 km

Technical Details

	1	2	3	4	5	6	7	8	9	10	11	12
512 Fibrer och rör Fibers and Tubes	Röd Red	Blå Blue	Vit White	Grön Green	Gul Yellow		Brun Brown	Svart ^{Black}	Violett Violet	Orange	Turkos Turquoise	
S1 Fibrer o	13	14	15	16	17	18	19	20	21	22	23	24
Fibe	Röd Red	Blå Blue	Vit White	Grön Green	Gul Yellow		Brun ^{Brown}	Klar Clear	Violett Violet	Orange	Turkos Turquoise	Rosa Pink

Articles 15

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Article name Color No. of the formation	r pend	Par Tensi	le. Leus	le. Cust	ill' dan	ster weigh	nt Length L			
GAHL 2/A2 G657A1 S12 Black 2 1x2 TOL4019050/2AH Black 2 1x2	25	80	50	1000	2.0	4.3	4000			
GAHL 2/A2 G657A1 S12 T2000 Black 2 1x2 H4019050/2AH-3 State 2 1x2	25	80	50	1000	2.0	4.3	2000			
GAHL 2/A2 G657A1 S12 T4000 Black 2 1x2 H4019050/2AH4 1x2 1x2 1x2	25	80	50	1000	2.0	4.3	4000			
GAHL 4/A4 G657A1 S12 Black 4 1x4 TOL4019050/4AH 1x4 1x	25	80	50	1000	2.0	5	4000, 2000			
GAHL 4/A1 G657A1 S12 T2000 Black 4 1x4 H4019050/4AH-3 1x4	25	80	50	1000	2.0	5	2000			
GAHL 4/A4 G657A1 S12 T4000 Black 4 1x4 H4019050/4AH-4 1x4	25	80	50	1000	2.0	5	4000			
GAHL 6/A6 G657A1 S12 Black 6 1x6 TOL4019050/6AH 1x6 1x	25	80	50	1000	2.0	5	4000			
GAHL 6/A6 G657A1 S12 T2000 Black 6 1x6 H4019050/6AH-3 1x6	25	80	50	1000	2.0	5	2000/K4			
GAHL 6/A6 G657A1 S12 T4000 H4019050/6AH-4 Black 6 1x6	25	80	50	1000	2.0	5	4000/K4			
GAHL 8/A8 G657A1 S12 Black 8 1x8 TOL4019050/8AH 8 1x8 1x8<	25	80	50	1000	2.0	6.5	4000			
GAHL 8/A8 G657A1 S12 T2000 Black 8 1x8 H4019050/8AH-3 1x8	25	80	50	1000	2.0	6.5	2000			
GAHL 8/A8 G657A1 S12 T4000 Black 8 1x8 H4019050/8AH-4 8 1x8 <t< td=""><td>25</td><td>80</td><td>50</td><td>1000</td><td>2.0</td><td>6.5</td><td>4000</td></t<>	25	80	50	1000	2.0	6.5	4000			
GAL 12/A12 G657A1 S12 Black 12 1x12 TOL4019050/12AH Black 12 1x12	35	50	30	1000	2.1	8	4000			
GAL 12/A12 G657A1 S12 T2000 Black 12 1x12 H4019050/12AH-3 Black 12 1x12	35	50	30	1000	2.1	8	2000			
GAL 12/A12 G657A1 S12 T4000 Black 12 1x12 H4019050/12AH4 Black 12 1x12	35	50	30	1000	2.1	8	4000			