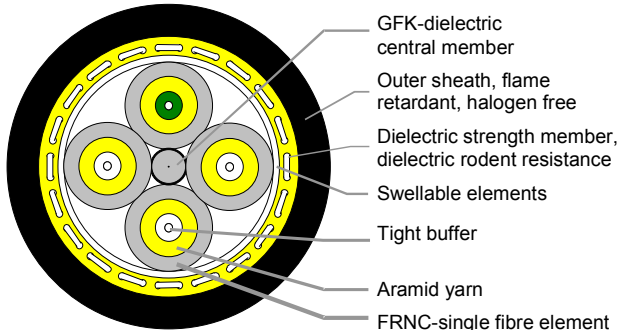


Outdoor Breakout Cable

AT-VQH(BN)H 4,6,8,16G62.5/125 LG



Application

Generally usable outdoor breakout cable for laying into cable ducts and shafts inside and outside of buildings. Not suitable for submersible use.

Features

- Non metallic design
- Tight buffer
- Lightning protected
- No grounding or potential-equalisation problems
- Lightweight, slim, rugged cable
- Dielectric rodent resistance
- Dry water blocking IEC 60794-1-F5
- Flame retardant (IEC 60332-3) and low smoke
- Non corrosive and halogen free cable

Design

Standard fibre type:

Type	Multimode fibre
Core diameter	62,5 ± 3,0 µm
Cladding diameter	125,0 ± 2,0 µm
Coating diameter	245 ± 5 µm
Numerical aperture	0,275 ± 0,015

Tight buffer:

- Tight buffer TB3 (FRNC)
- Outer diameter: 0,9 mm

Single fibre element:

- 1 tight buffer
- Dielectric strain relieving elements
- Outer zero halogen flame retardant sheath, grey, wall thickness 0,7 mm
- Outer diameter: 2,9 mm

Cable:

- Dielectric central member
- 4 single fibre elements stranded around the central member
- Swelling material for water blocking
- Non metallic rodent protection
- Outer zero halogen flame retardant sheath, black, wall thickness 1,0 mm

Ordering information

Type	AT-VQH(BN)H XG62.5/125 2,7B400 + 0,8F1200 LG
Number of fibres	4,6,8,16
Outer diameter approx.	10,6 mm (for 4 fibers)
Weight approx.	110 kg/km (for 4 fibers)
Ordering number	LCXL02-M3004-J720

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Characteristics

Type	AT-VQH(BN)H 4G62.5/125 2,7B400 + 0,8F1200 LG
Transmission data	(for 4 fibers)
Typ. Attenuation at 850 nm	≤ 2,7 dB/km
Typ. Attenuation at 1300 nm	≤ 0,8 dB/km
Bandwidth for 1 km at 850 nm	≥ 400 MHz
Bandwidth for 1 km at 1300 nm	≥ 1200 MHz
Mechanical and temperature characteristics	
Tensile strength cable	
During installation	≤ 1000 N
Crush resistance	1500N/10cm
Temperature range	
During transport and storage	- 30 °C to + 70 °C
During installation	- 5 °C to + 50 °C
During operation	- 25 °C to + 70 °C
Bending radius	
Bending radius cable installed	≥ 240 mm
Bending radius cable during installation	≥ 215 mm
Bending radius single fibre element installed	≥ 50 mm
Bending radius single fibre element during installation	≥ 45 mm