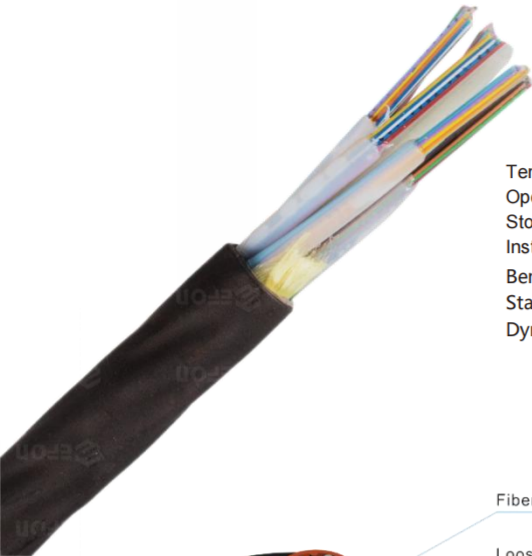
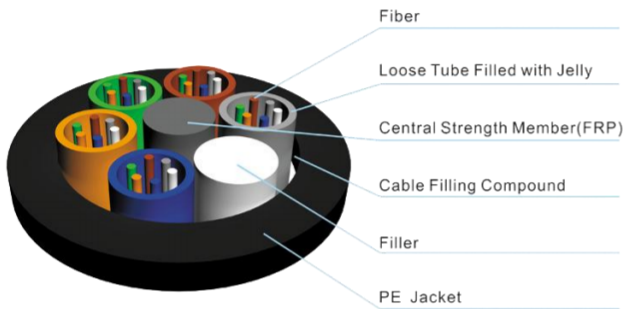


Air Blow Fiber Optical Cable



Temperature Range
 Operating : -40°C to +70°C
 Storage : -50°C to +70°C
 Installation : -30°C to +70°C
 Bending Radius:
 Static 10D
 Dynamic 20D



Cable Structure

Description

Large core number air blowing cable GCYFY cable structure is the 250um optical fibers are jacketed high modulus material made of loose tube, the loose casing pipe is filled with waterproof compound, loose tube around the center of the strengthen core twist synthetic compact round cable core, the cable core gap mid to moisture-proof waterproof yarn, then extruding PE or LSZH sheathed cable..

Product Construction

Fiber:
 2-288 fibers
 Multi Tube 250µm colored fiber
Strength Member:
 Fiberglass reinforced plastic (FRP)
Outer Jacket:
 Black UV and moisture-resistant polyethylene (PE).

Features

- Small outside diameter, light weight, easy to lay.
- Adopt semi dry structure, construction is clean and tidy.
- Loose tube material itself has a good water resistance and high strength.
- Special tube filling compound ensure a critical protection of fiber.
- Adopt the following measures to ensure the waterproof performance of the optical cable.
- Loose tube filled with special waterproof compound.
- Using dry type of water blocking material, the whole section of water resistance, to prevent the optical cable vertical seepage.

Applications

- AirBlow
- Using microtubule resources, especially for the backbone network, access network and fiber to the home.
 - Cabling costs are low and suitable for upgrading the old city and building network

Optical Characteristics

Fiber Type		G.652	G.655	50/125µm	62.5/125µm
Attenuation (+20°C)	850 nm			≤3.0 dB/km	≤3.3 dB/km
	1300 nm			≤1.0 dB/km	≤1.0 dB/km
	1310 nm	≤0.36 dB/km	≤0.40 dB/km		
	1550 nm	≤0.22 dB/km	≤0.23 dB/km		
Bandwidth	850 nm			≥500 MHz·km	≥200 Mhz·km
	1300 nm			≥500 MHz·km	≥500 Mhz·km
Numerical Aperture				0.200±0.015 NA	0.275±0.015 NA
Cable Cut-off Wavelength λ _{cc}		≤1260 nm	≤1450 nm		

Structure and Technical Specifications

Fiber Count	Nominal Diameter (mm)	Nominal Weight (kg/km)	Max Fiber Per Tube	Max No. of (Tube+fillers)	Allowable Tensile Load (N)		Allowable Crush Resistance (N/100mm)	
					Short Term	Long Term	Short Term	Long Term
2~72	5.8	25	12	6	120	40	450	150
74~96	6.8	36	12	8	350	120	450	150
98~144	8.8	60	12	12	350	120	450	150

Note: This datasheet can only be a reference, but not a supplement to the contract. Please contact our sales people for more detailed information.