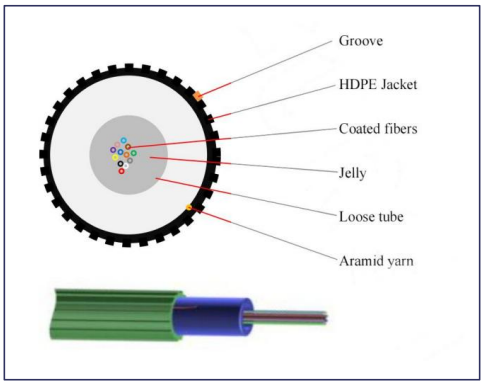
ABALONE TECHNOLOGY GROUP
FIBER OPTIC CABLES - COMPONENTS & ACCESSORIES

Super Mini uni-tube blown cable GCYFXY

DESCRIPTION

Air blown micro fiber optic cable technology is a technology that minimizes the size of fiber optic cables and pipes by optimizing materials, processes and structures, and maximizes the use of pipe space by laying them through the air blowing method. In addition to the single structure with a maximum number of 24 cores, another multi-subunit structure of air-blown fiber optic cables is available with a maximum number of 288 cores.Air blown miniature fiber optic cables are used in combination with miniature tubes (microtubes), which can accommodate five microtubes with specifications of 10/8 (OD/ID, unit mm) in an ordinary 40/33 female tube, thus fully improving the efficiency of tube hole utilization.



FEATURES

- Light weight and small outer diameter
- Non-metallic construction
- Air-blown laying
- PBT/PC material loose tube
- HDPE jacket material enhancing the blowing performance

APPLICATIONS

→ Outdoor distribution → Local area network(LAN) → FTTH

SPECIFICATIONS

Items	Unit	Specification		
Fiber Type		G652D/G657A1/G657A2/OM1/OM2		
Fiber Count		2~4	6~12	14~24
Cable Diameter	mm	2.3±0.1	2.5±0.1	2.8±0.1
Duct Type	mm	3.5/5.0		
Coating optic fiber	Dimension(μm)	255+5μm		
	Material	Printing ink		
Loose tube	Material	PBT/PC		
	Filling materials	Thixotropic jelly		
Outer sheath	Material	HDPE		
Tension	Long term(N)	30		
	Short term(N)	60		
Crush	Long term(N/10cm)	300		
	Short term(N/10cm)	600		
Min. Bend Radius (Dynamic)	mm	20D		
Min. Bend Radius (Static)	mm	10D		
Operating Temperature	℃	-30~+50		
Storage Temperature	℃	-20~+50		

ORDERING INFORMATION

Description	Reference