Air-Blown Micro Cable

GCYFY-Small
Stranded Loose Tube Air-blown Micro Fiber Optic Cable for FTTH

Introduction:

Optical fibres are housed in a loose tube that is made of high-modulus plastic and filled with tube filling compounds.Aramid yarns are placed outside the loose tube as the strength member, then a sheath with grooves is extruded. This type of cable is particularly applicable to air-blowing constructions in access networks.

Features:

- Smaller Diameter and light weight
- Tube filling compound providing key protection for fibres
- Unique design of sheath with grooves ensuring good air blowing performance
- Allowing to blow by phases to reduce initial investment
- High blowing speed up to 50m/min, and long blowing distance up to 1000m
- Allowing to blow out and replace with new cables to keep technical superiority
- Allowing to cut micro ducts anywhere anytime for branch without influences on other cables, saving manholes, hand holes and cable joints

Performance Comparison of Air-blown Micro Cables:

Category	Characteristics	Blowing effect	Application
Enhanced Performance Fibre Unit (EPFU)	1.Small size 2.Light Weight 3. Good Bending performance 4. Suitable Indoor installation	3Stars***	FTTH
Uni-Tube air-blown micro cable (GCYFXTY)	1.Small size 2.Light Weight 3.Good tensile and crush resistance	4Stars****	Power system Lighting-prone areas
Stranded Loose Tube air-blown micro cable (GCYFY)	1.High fibre density 2.High duct utilization 3.Much less initialvestment	5Stars*****	FTTH Metropolitan area Access networks

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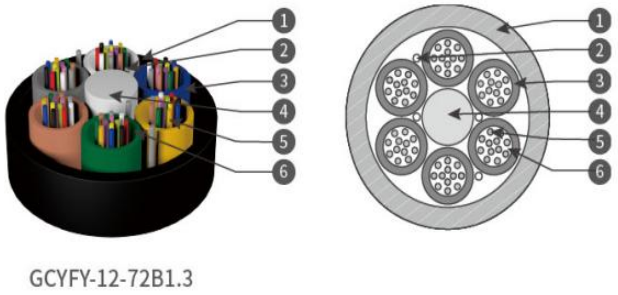
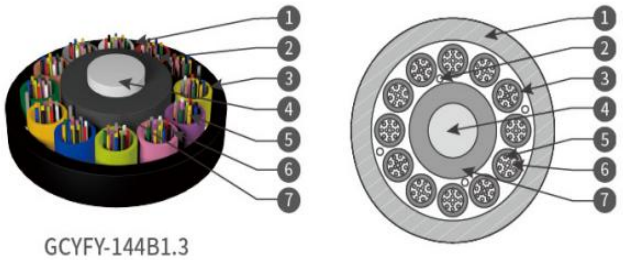
Cross Section:



GCYFY-12-72B1.3



GCYFY-144B1.3

1, PE Sheath 2, Water Blocking Yarn 3, Loose Tube 4, Strength Member 5, Fibre 6, Tube Filling Compound 7, PE Layer

Technical Characteristics:

Type	Fiber count Tube*Fibers	Diameter mm	Weight (kg/km)	Tensile Strength Long/Short(N)	Crush Resistance Long/short (N/100mm)
GCYFY-24 G657A2	24（2*12）	4.5±0.1	16	0.3G/1.0G	150/500
GCYFY-48 G657A2	48（4*12）	4.5±0.1	16	0.3G/1.0G	150/500
GCYFY-72 G657A2	72（6*12）	4.5±0.1	16	0.3G/1.0G	150/500
GCYFY-96 G657A2	96（8*12）	5.6±0.1	26	0.3G/1.0G	150/500
GCYFY-144 G657A2	144（12*12）	7.2±0.1	43	0.3G/1.0G	150/500
GCYFY-192 G657A2	192（16*12）	7.8±0.1	48	0.3G/1.0G	150/500
GCYFY-216 G657A2	216（18*12）	7.8±0.1	48	0.3G/1.0G	150/500
GCYFY-240 G657A2	240（20*12）	7.8±0.1	48	0.3G/1.0G	150/500
GCYFY-288 G657A2	288（24*12）	8.1±0.1	58	0.3G/1.0G	150/500
GCYFY-144 G657A2	144（6*24）	6.2±0.1	32	0.3G/1.0G	150/500
GCYFY-192 G657A2	192（8*24）	7.2±0.1	48	0.3G/1.0G	150/500
GCYFY-240 G657A2	240（10*24）	8.1±0.1	58	0.3G/1.0G	150/500
GCYFY-288 G657A2	288（12*24）	9.3±0.1	80	0.3G/1.0G	150/500
GCYFY-432 G657A2	432（18*24）	9.6±0.1	78	0.3G/1.0G	150/500
GCYFY-576 G657A2	576（24*24）	11.2±0.1	110	0.3G/1.0G	150/500

Note: G is the weight of optical cable 1kilometer

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Environmental Characteristics:

Transport/storage temperature: -20℃~70℃

Applications:

The cab le can be used as the drop cable of feeder segments in FTTH networks and can be laid by air blowing to connect the branch point with the access point for subscribers. The cab le is also applicable in backbone networks, metropolitan area networks and access networks.

Delivery Length:

Standard length:2000m;Other length availabe

Online Service:

Skype	
Wechat	
Whatsapp	
Email	