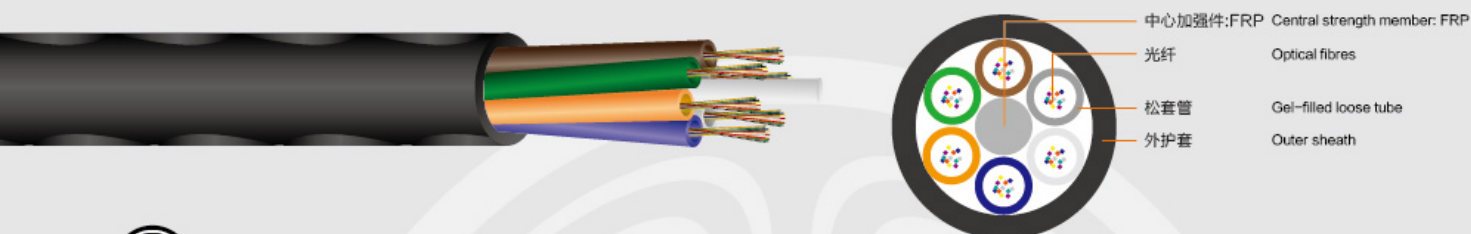


### 松套管层绞式气吹微缆 (GCYFTY) Loose Tube Air Blowing Mini Cable

将光纤套入PBT松套管中，松套管内填充防水化合物。缆芯的中心是一根非金属加强芯，对于某些芯数的光缆来说，非金属加强芯外还需挤上一层垫层。松套管（和填充条）围绕中心加强芯绞合成紧凑和圆形缆芯，外面挤制聚乙烯护套成缆。

The fibres are positioned in a loose tube made of PBT. The tube is filled with a water-resistant filling compound. A fibre reinforce plastic locates in the center of core as a non-metallic strength member. The tubes (and the fillers) are stranded around the strength member into a compact and circular core. The cable is completed with a PE sheath.



#### 敷设方式 Installation

管道、气吹 Duct, air blowing

#### 产品特点 Characteristics

- 1.松套管层绞设计，光纤余长控制精确，性能稳定 Loose tube design, Accurate excess fiber length control to get stable cable performance
- 2.半干式结构设计，环保，易于测试、熔接 Semi-dry cable core design, environment friendly, easy for test and splice
- 3.直径小，重量轻，低摩擦系数护套设计 Small outer diameter, light weight, low friction sheath material
- 4.气吹速度快，距离长，施工高效 High speed, long distance air-blowing, efficient installation
- 5.成熟产品，大量应用于欧洲通信网络 Bulk production, widely applied for European Telecom network
- 6.如采用200μm超微光纤，容纤率高，在大芯数时管道利用率更高 Optional 200μm mini optical fibre, smaller cable size, better choice in high fibre count

#### 应用范围 Applications

FTTX，局间通信 FTTX, LAN communication

#### 产品标准 Standards

IEC60794-5; YD/T 1460.4; GB/T 7424.5

#### 温度范围 Temperature Range

存储温度 Transportation	安装温度 Installation	运行温度 In use
-40℃ ~ +70℃	-10℃ ~ +50℃	-40℃ ~ +70℃

光纤数量 Fibre count	缆芯结构 Configuration 管数x芯数 tubesxfibres	填充条数量 Filler number	外径 Outer diameter mm	重量 Mass kg/km	最小弯曲半径 Minimum bend radius		允许拉伸力 Tensile strength		允许压扁力 Crush resistance		适用微管 Micro tube diameter mm
					动态 Dynamic mm	静态 Static mm	短期 short term N	长期 long term N	短期 short term N/10cm	长期 long term N/10cm	
24	2 × 12	4	5.7	23	20D	10D	500	150	450	150	10/8
36	3 × 12	3	5.7	23	20D	10D	500	150	450	150	10/8
48	4 × 12	2	5.7	23	20D	10D	500	150	450	150	10/8
60	5 × 12	1	5.7	24	20D	10D	500	150	450	150	10/8
72	6 × 12	0	5.7	24	20D	10D	500	150	450	150	10/8
96	8 × 12	0	6.5	33	20D	10D	500	150	450	150	10/8
144	12 × 12	0	8.5	55	20D	10D	1000	300	450	150	14/12
144	6 × 24	0	7.9	42	20D	10D	1000	300	450	150	12/10

#### 200μm超微光纤 200μm mini optical fibre

光纤数量 Fibre count	缆芯结构 Configuration 管数x芯数 tubesxfibres	填充条数量 Filler number	外径 Outer diameter mm	重量 Mass kg/km	最小弯曲半径 Minimum bend radius		允许拉伸力 Tensile strength		允许压扁力 Crush resistance		适用微管 Micro tube diameter mm
					动态 Dynamic mm	静态 Static mm	短期 short term N	长期 long term N	短期 short term N/10cm	长期 long term N/10cm	
72	6 × 12	0	5.3	20	20D	10D	400	120	450	150	10/8
96	8 × 12	0	6.2	30	20D	10D	600	200	450	150	10/8
144	6 × 24	0	7.0	32	20D	10D	600	200	450	150	12/10
144	12 × 12	0	8.0	56	20D	10D	1000	300	450	150	14/12
192	8 × 24	0	8.1	50	20D	10D	1000	300	450	150	14/12
216	9 × 24	0	8.7	60	20D	10D	1000	300	450	150	14/12
288	12 × 24	0	10.6	70	20D	10D	1000	300	450	150	16/14

注：以上参数仅供参考  
Remark: The above datasheets are just for reference.

