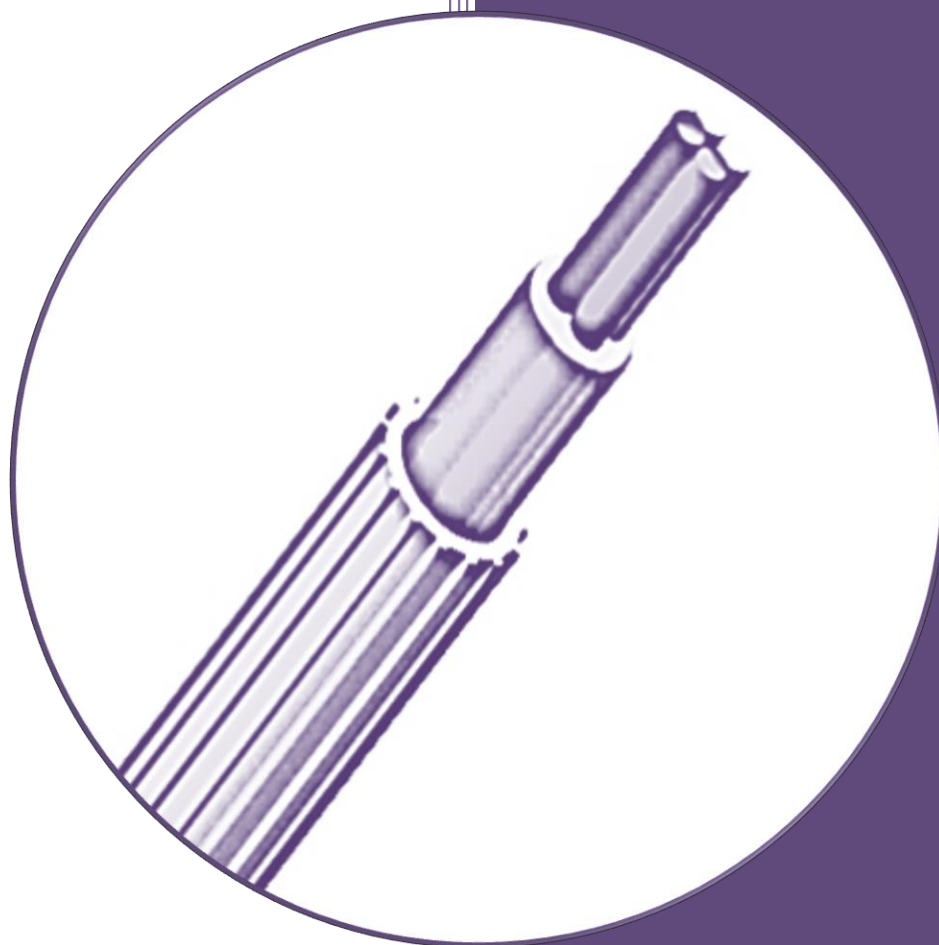
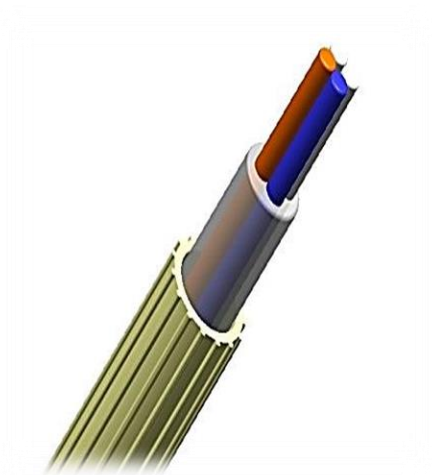


FibreCore EPFU  
Blåsefiber

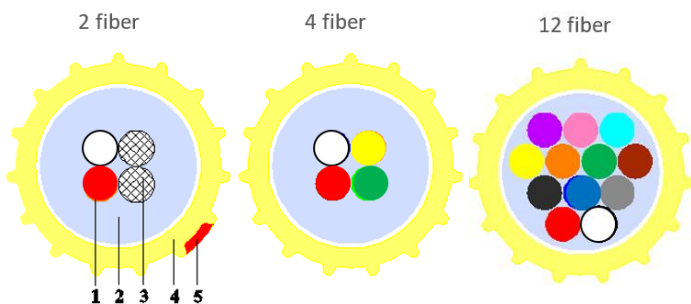


**FibreCore EPFU** blåsefiber er en kabel med veldig liten diameter for installasjon ved hjelp av innblåsing i mikro rør. Leveres med G.657A1 fiber som standard, men andre fibertyper kan leveres på forespørsel. Fibrene er belagt med et mykt lag akrylat som fungerer som en pute for å gi beskyttelse til fiberen. En patentert ytre kappe gir lav friksjon og den beste blåse ytelsen. Typisk bruksområde er abonnent tilknytning ved FTTH utbygging.



Fiber type: ITU-T G.657A1  
 Indre Lag: Fyllmateriale  
 Utvendig kappe: Lav friksjon halogen fri PVC  
 Fiber antall: 2, 4 og 12

**Struktur**



**Farge kode fiber**

|      |     |     |       |     |     |      |      |         |      |        |      |
|------|-----|-----|-------|-----|-----|------|------|---------|------|--------|------|
| 1    | 2   | 3   | 4     | 5   | 6   | 7    | 8    | 9       | 10   | 11     | 12   |
| Hvit | Rød | Gul | Grønn | Blå | Grå | Brun | Sort | Fiolett | Aqua | Orange | Rosa |
|      |     |     |       |     |     |      |      |         |      |        |      |

**Mekaniske egenskaper**

| Test  | Standard           | Parameters                       | Criteria  |
|---|--------------------|----------------------------------|---|
| Tension performance   | IEC 60794-1-2-E1   | Load: 1×W                        | Fiber strain ≤0.4% at MAX. Additional attenuation ≤0.05dB. Fiber strain ≤0.05% after test |
| Bending   | IEC 60794-1-2-E11A | ∅40mm×3turns<br>5 cycles at 20°C | Additional attenuation ≤0.05dB, after test  |
| Crush   | IEC 60794-1-2-E3   | 100 N, 60s                       | Additional attenuation ≤0.05dB, after test  |
| <i>Note</i> : Tests according to IEC 60794 Edition 1.0, 2008-10 |                    |                                  | <i>All optical testing proceeded at 1550 nm</i>   |

| Test  | Standard         | Parameters                                   | Criteria  |
|---|------------------|--|---|
| Temp. cycling   | IEC 60794-1-2-F1 | -30°C, +60°C, (2 cycles)                     | Absolute attenuation ≤0.5dB/km, during test<br>Absolute attenuation ≤0.1dB/km, after test |
| Water Soak  | IEC 60794-5      | 1000 hours in water,<br>18°C~22°C            | (Test after temp cycle) ≤0.07dB/km<br>Change compared to start value                      |
| Damp Heat Cycle   | IEC 60068-2-38   | 25°C, 65°C, 25°C, 65°C,<br>25°C, -10°C, 25°C | Absolute attenuation ≤0.5dB/km, during test<br>Absolute attenuation ≤0.1dB/km, after test |
| <i>Note</i> : 1 Tests according to IEC 60794 Edition 1.0, 2008-10, 2 All optical testing proceeded at 1550 nm |                  |  |   |

**Blåse test**

| Fibre Count              | 2 Fiber                      | 4 Fiber         | 12 Fiber        |
|--------------------------|------------------------------|-----------------|-----------------|
| Test equipment           | PLUMETTAZ: UM25, ERICSSON: F |                 |                 |
| Standard duct            | 5.0 / 3.5 mm                 |                 |                 |
| Pressure                 | 7 bar / 15 bar               |                 |                 |
| Typical blowing distance | 500m / 1000 m                | 500m / 1000m    | 500m / 800m     |
| Typical blowing time     | 10 min / 18 min              | 10 min / 18 min | 15 min / 20 min |

**Fysiske egenskaper**

| Fiber Count          | 2         | 4         | 12        |
|----------------------|-----------|-----------|-----------|
| Outer Diameter (mm)  | 1.15±0.03 | 1.15±0.03 | 1.65±0.03 |
| Weight (g/m)         | 1.0       | 1.0       | 2.2       |
| Min Bend Radius (mm) | 50        | 50        | 80        |
| Jacket Color         | Yellow    | Yellow    | Yellow    |

**Optiske egenskaper**

|              |  |
|--------------|--|
| Fiber        | Single Mode 9/125 ITU-T G.657A1                |
| Demping (IL) | 0.40dB/km max @1310nm<br>0.30dB/km max @1550nm |

**Varenummer**

| Elnr.   | Varenummer        | Leverings lengde (mtr) | Panne str. | Vekt brutto (kg) |
|---------|-------------------|------------------------|------------|------------------|
| 1064777 | G2-EPFU ABF 4000  | 4000                   | ∅510×H200  | 9                |
| 1064778 | G4-EPFU ABF 4000  | 4000                   | ∅510×H200  | 9                |
| 1064779 | G12-EPFU ABF 2000 | 2000                   | ∅510×H200  | 9                |