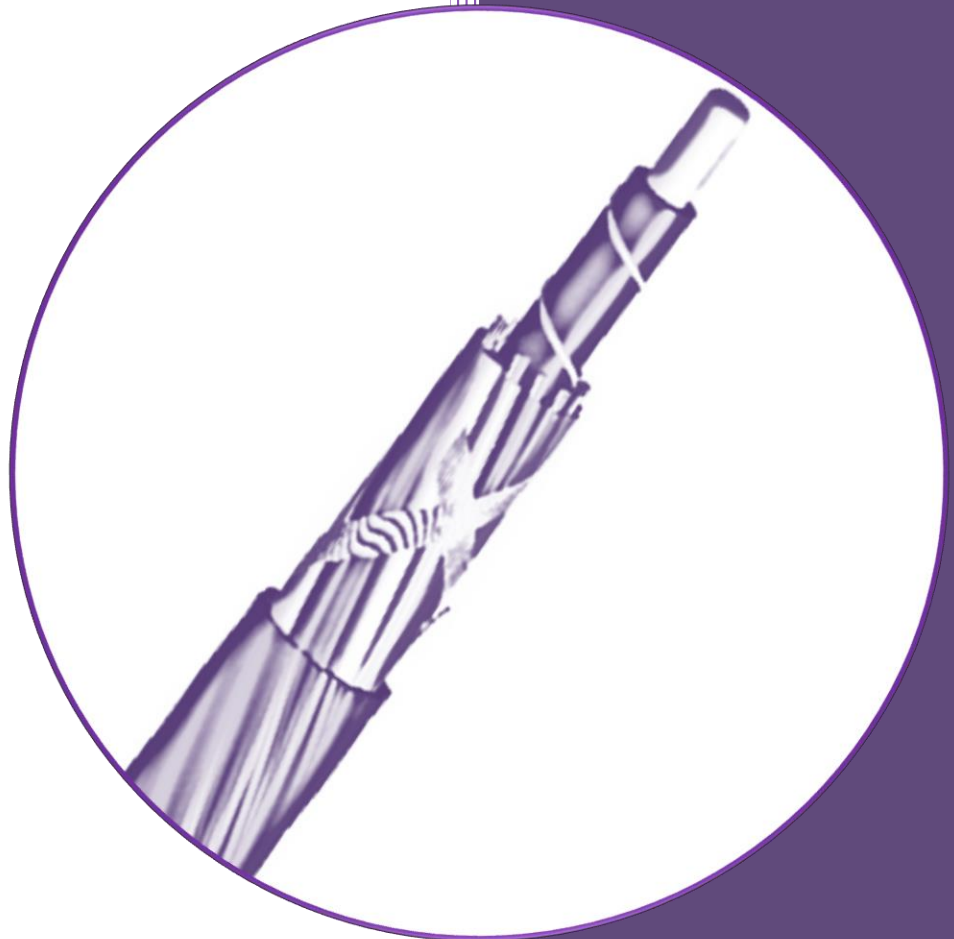




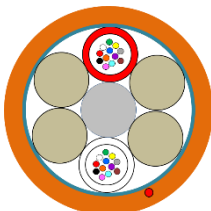
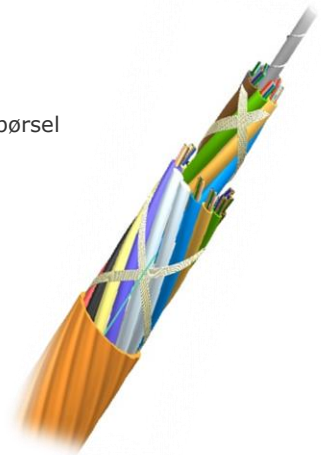
METRIC
INDUSTRIAL

FibreCore
SC Mikro Blåsekabel 250 μ m

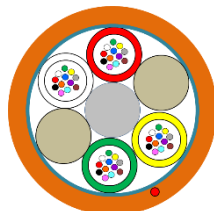


FiberCore SC 250 er lette og meget slanke kabler utviklet for installasjon ved hjelp av blåsing. Slanke og solide fiber tuber gir god og stabil ytelse for både arbeidsmiljø og installasjon. Tørr kabelkjerne med svellegarn gir liten kabeldiameter og rask, ren og enkel skjøting. Løsningen med spesial strippetråd gir enkel tilgang og åpning av fibertuben ved mid-span applikasjoner. Den spesielle konstruksjonen er utformet slik at kabelen tåler å bli blåst i både mikro- og standard rør/tuber for meget lange avstander.

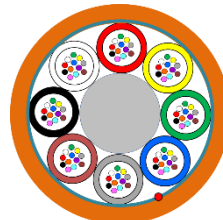
- 250um single-mode fiber G.652D. Tilgjengelig med G.657A1/A2 fiber på forespørsel
- PA12 (High-Performance Polyamide) ytterkappe
- FRP (Glass fiber reinforced plastic rod) strekkeelement
- Slåtte fiber rør rundt FRP senter element
- PBT (Polybutylene-Terephthalate) fiber tube
- Svellegarn i kabel kjerne. Gel i tuben



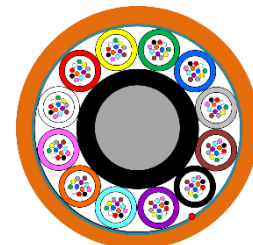
G24



G48



G96



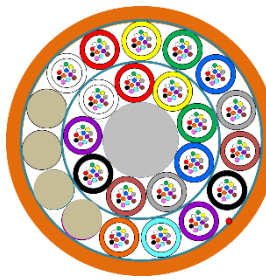
G144



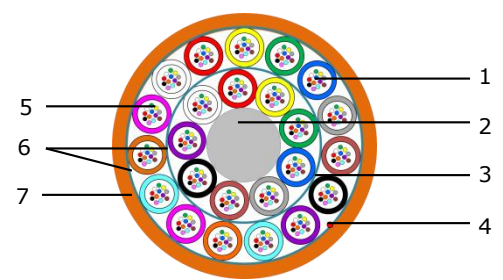
G192



G216



G240



G288

1. Optisk fiber
5. Fiber tube med gel

2. FRP
6. Fuktighets blokkerende kevlar

3. Fuktighets blokkerende garn
7. PA12 kabelkappe

4. Strippetråd

Farge kode

Fiber fargekode:

| | | | | | | | | | | | | |
|-----|------|-----|-----|-------|-----|-----|------|------|---------|--------|--------|------|
| No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | Hvit | Rød | Gul | Grønn | Blå | Grå | Brun | Sort | Fiolett | Turkis | Orange | Rosa |
| No. | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |

Fiber tube fargekode:

| | | | | | | | | | | | | |
|-----|------|-----|-----|-------|-----|-----|------|------|---------|--------|--------|------|
| No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | Hvit | Rød | Gul | Grønn | Blå | Grå | Brun | Sort | Fiolett | Turkis | Orange | Rosa |

Andre fargekoder tilgjengelig på forespørsel

Test Protokoll:

Mechanical Test:

| Test | Standard | Parameters | Criteria |
|--|-------------------|------------------------|--|
| Installation Tension | IEC 60794-1-2-E1 | 1.5x Weight | Fiber strain $\leq 0.33\%$, additional attenuation: $\leq 0.1\text{dB}$ after test |
| Short Term Crush | IEC 60794-1-2-E3 | 1000 N , 100mm , 5 min | Additional attenuation: $\leq 0.1\text{dB}$ after test No damage to outer jacket and inner elements |
| Repeated bending | IEC 60794-1-2-E6 | 25 N, 25 cycles | No obvious additional attenuation. No damage |
| Torsion | IEC 60794-1-2-E7 | 40 N, 5 cycles | $\Delta a \leq 0.05\text{dB}$, no damage |
| Coiling performance | IEC 60794-1-2-E20 | Coil on standard drum | The outer sheath has no visible crack. No damage on the cable |
| <i>Remark: Tests according to IEC 60794 Edition 1.0, 2008-10</i> | | | <i>All optical tests proceeded at 1550 nm</i> |

Environmental Test:

| Test | Standard | Parameters | Criteria |
|--|-------------------|--|--|
| Temperature cycling | IEC 60794-1-2-F1 | Singlemode | Storage, installation and Operation |
| Water penetration | IEC 60794-1-2-F5 | Water column = 1 m Sample cable = 3 m | No water leak through the open end in 24 hours |
| Filling compound flow | IEC 60794-1-2-E14 | 70°C | No compound flow from the cable in 24 hours |
| <i>Remark: Tests according to IEC 60794 Edition 1.0, 2008-10</i> | | | <i>All optical tests proceeded at 1550 nm</i> |

Blåse test:

| Test utstyr | Fiber antall | Tube diameter | Test felt | Typisk blåse lengde |
|-----------------|--------------|---------------|-----------------|---------------------|
| PR-140/ MiniJet | 24-96 | 10/8 mm | Square: 4x100 m | ≥ 2000 m |
| PR-140/ MiniJet | 144-216 | 12/10 mm | Square: 4x100 m | ≥ 2000 m |
| PR-140/ MiniJet | 288 | 20/16 mm | Square: 4x100 m | ≥ 2000 m |

Konstruksjon:

| Fiber antall | Fiber x Tube | Nominell dia. (mm) | Wekt (kg/km) |
|---------------------|-----------------------|---------------------------------------|--|
| 24 | 12 x 2 | 5,4 | 27 |
| 48 | 12 x 4 | 5,4 | 29 |
| 96 | 12 x 8 | 6.3 | 40 |
| 144 | 12 x 12 | 7.8 | 62 |
| 192 | 12 x 16 | 7.8 | 57 |
| 216 | 12 x 18 | 7,8 | 60 |
| 240 | 12 x 20 | 9,3 | 80 |
| 288 | 12 x 24 | 9,3 | 80 |
| Tykkelse ytre kappe | Fiber tube bøy radius | Min. Bøy radius | Temperatur område |
| 0.45 mm | 25 mm | Statisk: 12 x OD Dynamisk: 20 x OD | Lagring: -40 ~+70°C Installasjon: -10 ~+50°C Drift: -30 ~+70°C |

Kabel merking: "FiberCore" "art. nummer" "meter" "produksjons dato og kode"

Bestillings informasjon:

| Elnr.: | Art.nr. | Beskrivelse |
|---------------|------------------|---|
| 10 647 54 | G24-A-SC MB 250 | G24 A-SC(Super Construction) Mikro Blåsekabel, 250µm fiber |
| 10 647 55 | G48-A-SC MB 250 | G48 A-SC(Super Construction) Mikro Blåsekabel, 250µm fiber |
| 10 647 56 | G96-A-SC MB 250 | G96 A-SC(Super Construction) Mikro Blåsekabel, 250µm fiber |
| 10 647 57 | G144-A-SC MB 250 | G144 A-SC(Super Construction) Mikro Blåsekabel, 250µm fiber |
| 10 647 58 | G192-A-SC MB 250 | G192 A-SC(Super Construction) Mikro Blåsekabel, 250µm fiber |
| 10 647 59 | G216-A-SC MB 250 | G216 A-SC(Super Construction) Mikro Blåsekabel, 250µm fiber |
| 10 647 60 | G240-A-SC MB 250 | G240 A-SC(Super Construction) Mikro Blåsekabel, 250µm fiber |
| 10 647 61 | G288-A-SC-MB 250 | G288 A-SC(Super Construction) Mikro Blåsekabel, 250µm fiber |

Vennligst ta kontakt for andre opsjoner