



METRIC
INDUSTRIAL

FibreCore Mikrokabel MTE



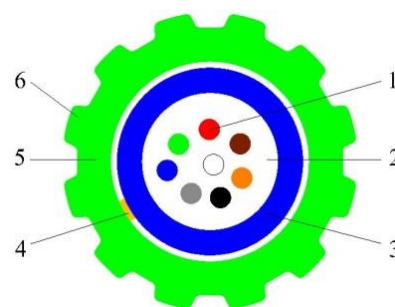
FiberCore MTE mikro blåsekabel med optimalisert stivhet samt lavfriksjons materiale i kabelkappen gir utmerkede mekaniske egenskaper. Spesielt utformet for applikasjoner hvor kravet til lange blåse strekk og hurtig installasjon er essensielt.

Fiber antall: Fra 2 til 24 fiber
 Fiber type: Singlemode fiber 250um G657A1, fullt kompatibel med G.652D
 Kappe materiale: HDPE
 Tube materiale: PC med forbedret ytelse

Struktur:



1. Optisk fiber
2. Gel
3. Fiber tube
4. Strippe tråd
5. Rille
6. Kabel kappe



Fiber farge kode

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
13												
	Hvit	Rød	Gul	Grønn	Blå	Grå	Brun	Nøytral	Fiolett	Turkis	Orange	Rosa
	●	●	●	●	●	●	●	●	●	●	●	●

Test Protocol:

Mechanical Test:

Test	Standard	Parameters	Criteria
Installation Tension	IEC 60794-1-2-E1	1.5x Weight	Fiber strain shall be released afterwards Duration of load sustain: 1min. Velocity of transfer device: 10mm/min Additional attenuation: ≤0.1dB after test.
Short Term Crush	IEC 60794-1-2-E3	1000 N , 100mm , 5 min	No damage to outer jacket and inner elements
Repeated bending	IEC 60794-1-2-E6	30 N, 25 cycles	No obvious additional attenuation. No damage
Torsion	IEC 60794-1-2-E7	50 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>

Cable properties:

Fiber count	Weight/km (kg)	Temperature range
2-4	5,0	Storage: -40 ~ +70 °C
6-12	6,0	Installation: -5 ~ +50 °C
24	6,5	Operation: -20 ~ +60 °C

Mechanical properties:

Max. Crushing resistance	Max. Tensile strength	Min. Bending radius	Loose tube bending radius
1000N	1.5x Weight	Static: 12 X OD Dynamic: 20 X OD	25 mm

Bestillings informasjon:

Diameter (mm)	Antall fiber	Elnr.	Art. Nr.
1,8	2	10 647 40	G2-9/125 MTE-18
1,8	4	10 647 41	G4-9/125 MTE-18
2,0	6	10 647 42	G6-9/125 MTE-20
2,3	8	10 647 43	G8-9/125 MTE-23
2,3	12	10 647 44	G12-9/125 MTE-23
2,8	24	10 647 45	G24-9/125 MTE-28

Vennligst ta kontakt for andre opsjoner