

EPFU Singlemode, 8v, G657A

Productinformatie

Geoptimaliseerde kabelstijfheid en mantelmateriaal met lage wrijving voor uitstekende installatieprestaties

Goede mechanische en omgevingskenmerken

Speciaal ontwerp voor langere en snellere luchtgeblazen installatietechniek



Specificaties

- Type vezel :G657A1
- Diameter :2.5mm
- Buitenmantel :HDPE
- Aantal vezels :8
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NR	1	2	3	4	5	6	7	8
Kleur	Red	Green	Blue	Yellow	White	Grey	Orange	Purple

Test Protocol

Mechanical Test:

Test	Standaard	Parameters	Criteria
Installation Tension	IEC 60794-1-2-E1	80 N	$\Delta\alpha$ reversible, fiber strain $\leq 0.3\%$
Short Term Crush	IEC 60794-1-2-E3	500 N , 100mm , 5 min	Additional attenuation $\leq 0.1\text{dB}$
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	$\Delta\alpha \leq 0.05\text{dB}$, 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

Remark : Tests according to IEC 60794 Edition 1.0, 2008-10 All optical tests proceeded at 1550 nm

Environmental Test:

Test	Standaard	Parameters	Criteria
Temperature cycling	IEC 60794-1-2-F1	Singlemode	fiber strain $\leq 0.4\%$ at MAX Additional attenuation $\leq 0.05\text{dB}$ fiber strain $\leq 0.05\%$ after test
Water penetration	IEC 60794-1-2-F5	Water column =1 m, Sample cable= 3 m	Additional attenuation $\leq 0.05\text{dB}$, after test
Filling compound flow	IEC 60794-1-2-E14	70°C	No compound flow from the cable in 24 hours

Remark : Tests according to IEC 60794 Edition 1.0, 2008-10 All optical tests proceeded at 1550 nm

Technical Index

Cable properties:

Fibre Count	8
Outer Diameter (mm)	2.5mm
Weight	5.5kg
Min Bend Radius (mm)	25mm
Temperature range	Storage: -20 - +60 °C Installation: -5 - +50 °C Operation: -20 - +60 °C

Fiber count	G657A1 fiber
	Article number
	EPFU-08-OS2A