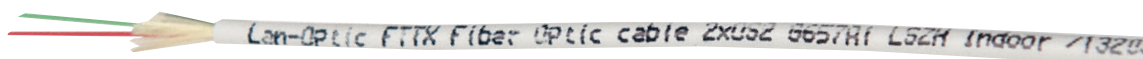


FTTH fibre cable 2 x 9/125 MY OS2 LSZH G657A1

Item no.: LV0232548



PRODUCT OVERVIEW

Mainly used in FTTH installations.

The fibers are color coded for easy identification.

SPECIFICATIONS

Construction	Semi-tight fiber
Number of fibers	2
Fibre size	9µm
Jacket	LSZH
Tensile strength	200/350 N
Reaction-to-fire class	Eca
Standard	OS2 G657 A1
Packing	Box 1000m
Meter marked	Yes
Standard	EN 187 000, IEC 60704-3, IEC 6074-2-10, ISO 11001-1, EN 50 3-1, EN S0575
Flame resistance	IEC 60332-1-2. IEC 6075E2 IEC 51034

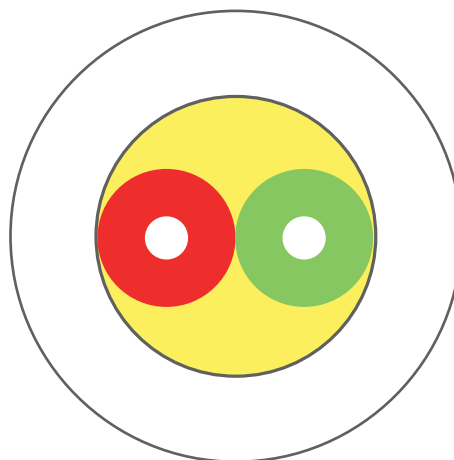
CONSTRUCTION

Fibre	2 L59 semi-tight buffered white fibres 900 µm ± 50 Lam
250 µm Fibre colours	1 Red 2 Green
900 µm Buffer colours	1 Red 2 Green
Strength member	Aramide strength member
Water-blocking	Sweliable tread
Sheath	White RAL 9010, 0.5 mm Halogen free, LSHF-FR FireRes® acc. to EN 50290-2-27 UV stabilised
Sheath marking	Draka I/O T LSHF-FR LS9 3.0 2<Ftre type><Fibre brand><Item No><factory code><Batch Number><Meter mark> U-VQ(ZN)H 2 <Fibre family> <Mode field diameter> /125 <Transmission Class>



PHYSICAL PROPERTIES

Nominal dimensions	3.0 mm ± 0.1 mm
Nominal weight	10 kg/km
Tensile strength (dynamic)	600 N
Tensile strength (permanent)	400 N (fibre strain 0.2%)
Compressive strength (crush)	1000 N
Impact	15 Nm; R = 300 mm
Torsion	5 cycles ± 1 turn
Min. Bending radius	R = 25 mm
For version with Bend-Brightxs fibre: Min. Bending radius	R= 7.5 mm R = 15 mm, 6 turns around a mandrel Ø 30 mm (maximum attenuation increase s: 0.02 dB at 1550 nm). Maximum attenuation increase for R = 10 mm 0.1 dB/turn at 1550 nm. Maximum attenuation increase for R = 7.5 mm 0.5 dB/turn at 1550 nm
Temperature range	Operation and installation: -40°C to 70°C. Storage: -40°C to 70°C"
Water penetration	No water on free end



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