

LAN-OPTIC

Fiberkabel 2x9/125 μm
LAN-OPTIC OS2



Anvendelse

Anvendes primært i FTTH installationer fra fiberkrydsfelt til udtag.

Fiberne er farvet så man let kan identificere den enkelte fiber, når man har strippet coating af.

Konstruktionen er med semi-tight fiber, så man let kan strippe 300mm.

Specifikation

Konstruktion: semi-tight fiber

Antal fiber: 2

Fiber størrelse: 9 μm

Kappe: LSZH

CPR: Dca

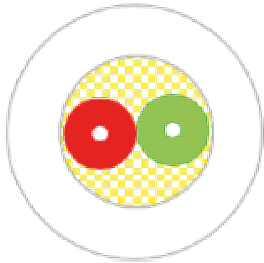
Trækstyrke: 200/350 N

Standard: OS2 G657A1

Oplægning: box 1000m

Varenr.: 232548

EANr.: 5706683021817



Eca
CPR

Application and installation

LAN horizontal cabling

This cable features Draka's LS9 easy strippable semi-tight buffer

Patch cord cable, very well suited for mounting of MT-RJ connectors

Short distance data-, control- and video transmission

It is suitable for indoor and limited outdoor applications, as it is water-blocked. It is well suited for installations in ducts and trays.

Standards

EN 187 000, IEC 60794-2, IEC 60794-2-10, ISO 11801-1, EN 50 173-1, EN 50575

Flame resistance

LSHF (FRNC): IEC 60332-1-2; IEC 60754-2; IEC 61034; Class Eca

Construction

Fibre	2 LS9 semi-tight buffered white fibres 900 µm ± 50 µm	
250 µm Fibre colours	1	Red
	2	Green
900 µm Buffer colours	1	Red
	2	Green
Strength member	Aramide strength member	
Water-blocking	Swellable 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<Fibre 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

IEC 60794-1-21/22

Attribute	Method	Limits
Nominal dimensions	-	3.0 mm ± 0.1 mm
Nominal weight	-	10 kg/km
Tensile strength (dynamic)	E1	600 N
Tensile strength (permanent)	E1	400 N (fibre strain ≤ 0.2%)
Compressive strength (crush)	E3	1000 N
Impact	E4	15 Nm; R = 300 mm
Torsion	E7	5 cycles ± 1 turn
Min. Bending radius	E11	R = 25 mm
<i>For version with BendBright^{KS} fibre:</i> Min. Bending radius	E11	R = 7.5 mm R = 15 mm, 6 turns around a mandrel ø 30 mm (maximum attenuation increase ≤ 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	F1	Operation and installation: -40°C to 70°C. Storage: -40°C to 70°C
Water penetration	F5	No water on free end