

EUROLAN Fiber cable

LT FO cable in/out LSZH 9/125 Dca

Ordering information

Part number	E-number	Description
39LD-S1-48YL		Eurolan LT FO cable in/out LSZH 48x9/125 Yellow (4x12) Dca
39LD-S1-96YL		Eurolan LT FO cable in/out LSZH 96x9/125 Yellow (8x12) Dca

Construction

Fibres count	12	24	36	48	72	96	144
Fibres per tube	12	12	12	12	12	12	12
Total tubes	6	6	6	6	6	8	12
Active tubes	1	2	3	4	6	8	12
Strength members	Reinforced Fiberglass Yarna WB (Waterblocking)						
Outer jacket	LSZH - halogen free, low smoke and flame retardant thermoplastic compound						
Colour	Yellow						
Weight (kg/km)	64	64	65	66	67	98	137
Outer Ø (mm)	8,3 +/- 0,5	8,3 +/- 0,5	8,3 +/- 0,5	8,3 +/- 0,5	8,3 +/- 0,5	9,8+/- 0,5	11,5 +/- 0,5
Max. Tensile Load (N)	1800 (Operation) / 3000 (Installation) - (IEC 60794-1-2 E1)					1800 / 2700	
Max. Crush (N/10cm)	1500 (IEC 60794-1-2 E3)						
Temperature range	-20°C to +70°C (Operation) / -10°C a +50°C (Installation) - (IEC 60794-1-22 F1)						
Min. Bending Radius (mm)	10 x Outer Ø (Operation) / 20 x Outer Ø (Installation) - (IEC 60794-1-21 E11)						

CPR Classification

Reaction to fire	Dca, s2, d2, a2
Declaration code	DOP01052

Fibres colour code:

Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Black - Turquoise.

Tubes colour code:

Red - Green - Natural - ... - Natural. Passive tubes colour Black.

- ✓ **Application:**
Universal (outdoor/indoor) Datacenters, Installation in duct.
- ✓ **Options**
Outer jacket colour code, Fibres and tubes colour code.
- ✓ **Loose Tube** (Dry tubes)
- ✓ **Rodent protection**
- ✓ **Moisture protected**
- ✓ **Standards:**
IEC 60794-1-21 and IEC 60794-1-22
- ✓ **Fire rating:**
Flame retardant (IEC 60332-1)
Halogen free (IEC 60754-1/-2)
Low smoke emission (IEC 61034-2)
Dca, s2, d2, a2