

PRODUCT SPECIFICATION

CONNECT

IT

EUROLAN Fiber Cable LOOSE TUBE 50/125 B2ca OM3



Ordering information

Part number	E-number	Description
39LB2-30-48-AQ-0	4703560	LT OM3 48X50/125 B2ca



Specifications

Fibre count	48
Fibres per tube	12
Total tubes	6
Active tubes	4
Strength members	Reinforced Fibreglass Yarns WB (Water Blocking)
Outer sheath	LSZH - Halogen free, low smoke and flame retardant thermoplastic compound. Excellent fireproof performance
Colour	Turquoise
Weight (kg/km)	117
Outer Ø (mm)	10,8 +/- 0,5
Max. Tensile Load (N)	2500 (Operating) / 4500 (Installation) (IEC 60794-1-21 E1)
Max. Crush (N/10cm)	2000 (IEC 60794-1-21 E3)
Temperature range	-20°C to +70°C Operation / -10°C to +50°C (Installation) - (IEC 60794-1-22 F1)
Min. Bending Radius (mm)	15 x Outer Ø (Operation) / 20 x Outer Ø (Installation) - (IEC 60794-1-21 E11)
Water penetration	Watertight (3m / 24h / 1m / Optical Core / IEC 60794-1-22 F5B)

Fibres colour code:

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

Tubes colour code:

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

- **Application:**
Universal (indoor/outdoor).
Outdoor in pipes.
- **Options:**
Dry tubes.
Rodent protected
- **Standards:**
Mechanical and Enviromental tests
according to:
IEC 60794-1-21 and
IEC 60794-1-22
- **Fire resistance:**
Flame retardant (IEC 60332-1)
Fire retardant (IEC 60332-3)
Halogen free (IEC 60754-1/-2)
Low smoke emission (IEC 61034-2)
- **CPR Classification (Euroclass):**
Reaction to Fire:
B2ca, s1a, d0, a1
Declaration code: 0370-CPR-7280
- **Advantages:**
Compact, flexible, Gel-free, totally
dielectric.