

# CLT FIREPROTECT ACOLAN OPTCAL

- Reinforced Dry Loose Structure, Indoor / Outdoor
- 4 à 48 fibers
- OM2, OM3, OM4, OM5, OS2
- Green outer jacket, ZH FIREPROTECT
- Cca

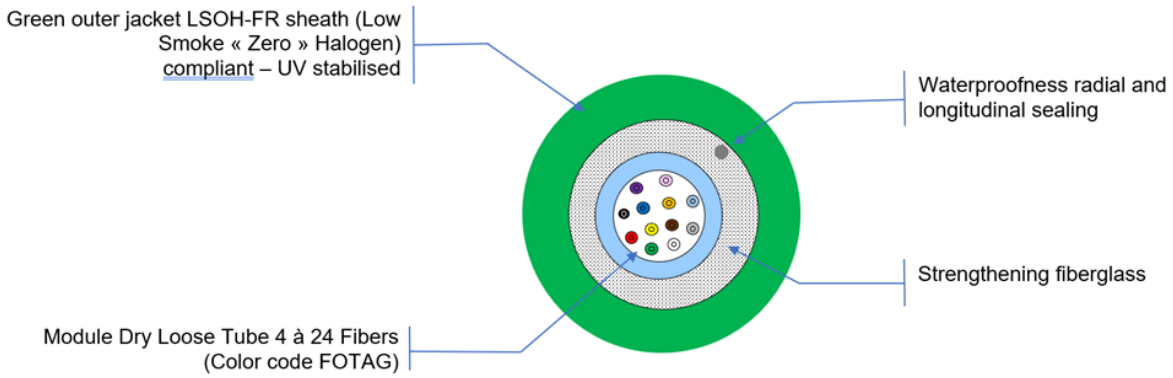
## BENEFITS

- Flexible inner Tube
- Improved Fire Performance
- Reinforced Protection against rodents
- Reinforced Dry Loose Structure
- Waterlight
- ACOME Protection Index against rodents IPA : ★★★☆☆ = Reinforced Protection

## APPLICATIONS

- High-speed data transmission cables are designed for all applications (campus, backbone, horizontal cables) and available for all environments (Industrial, Residential and Office Buildings).
- They can be use Indoor or Outdoor
- ACOLAN FIREPROTECT CLT RFD ZH - fiber count & type - product reference + Euroclass + DD/MM/YY hh:mm + metric

## GENERAL CHARACTERISTICS



## GENERAL

| Characteristics | | Value | | |
|---|---|---|---|---|
| | | Z1416A | Z1417A | Z1418A |
| | | 4 to 12 FO | 24 FO | 48 FO |
| | | | (Bi-tubes) | (Quadri-tubes) |
| Temperature range | Transport and storage | - 40°C à + 70°C | | |
| | At the installation | -5°C à + 50°C | | |
| | In Service | - 20°C + 60°C | | |
| Maximum pulling force (N) | | 3000 | | |
| Crush resistance (N/10 cm) | | 2000 | | |
| Minimu bending radius (mm) | | 10xD | | |
| Standard packaging | | 2100m drums | | |
| Nominal sheath thickness (mm) | | 1,3 | | |
| Nominal diameter (mm) | | 8,3 | 9,2 | 10,3 |
| Nominal weight (kg/km) | | 74 | 86 | 108 |

Cables are supplied with a protective wrap, which must be maintained until full use of the product.

## COLOR FIBERS & TUBES

Blue | Orange | Green | Brown | Grey | White | Red | Black | Yellow | Purple | Pink | Turquoise

# RANGE

| Cable content | Multimode 50/125 OM2 | Multimode 50/125 OM3 | Multimode 50/125 OM4 | Multimode 50/125 OM5 | Monomode 9/125 (G652) OS2 |
|---|---|---|---|---|---|
| 4 Fibers | B1301A | B1307A | B1313A | | B1319A |
| 6 Fibers | B1302A | B1308A | B1314A | B1349A | B1320A |
| 8 Fibers | B1303A | B1309A | B1315A | | B1321A |
| 12 Fibers | B1304A | B1310A | B1316A | B1350A | B1322A |
| 24 Fibers | B1305A | B1311A | B1317A | B1351A | B1323A |
| 48 Fibers | B1306A | B1312A | B1318A | | B1324A |

# NORMS AND STANDARDS

## GENERAL

- Cable and fibers : EN 60793 / EN 60794-1
- Wiring systems : EN 50173-1 / ISO 11801
- Applications : IEEE 802.3 10M to 10Gbit  / IEEE 802.5 Token ring ANSI X3T9-5 (FDDI)  ATM (155, 622, ...)

## FIRE BEHAVIOUR

| Number of fibers | Declaration of performance | Euroclass | Standards | Standards outside Europe |
|---|---|---|---|---|
| 4 to12 fibers | 20CLT0006 | Cca-s1a,d1,a1 | IEC 60332-1, EN 50399, IEC 60754-2, IEC 61034 | IEC 60332-1 (No flame propagation) IEC 60754-2 (Low gas corrosivity) IEC 60754-1 (Low toxicity) IEC 60332-3-24 (3C)* (4 to 48 fo) (No fire propagation) |
| 24 fibers | 20CLT0008 | | | |
| 48 fibers | 21CLT0009 | | | |

*3C : Fire tests performed by our own COFRAC accredited fire lab.