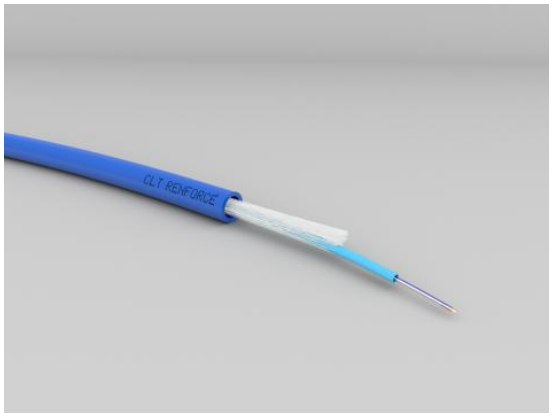



# B1075A
# "ACOLAN OPTICAL - CLT REINFORCED ZH "

16xOM2 LOOSE IN/OUT ZH REINFORCED DIELECTRICAL - BLUE

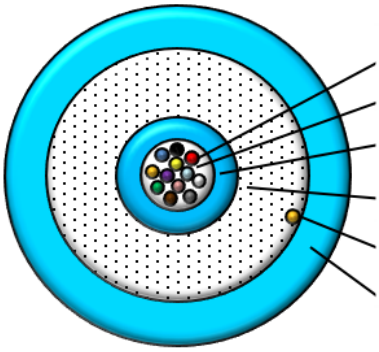
## BENEFITS

- Flexible inner Tube
- Cable with ripcord
- Reinforced Protection against rodents
- Optimal design to facilitate preparation and access to fibers

## 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

## GENERAL CHARACTERISTICS



| | | |
|---|---|---|
| 1 - | **Optical fiber:** | 4 to 12 optical fibers (color code FOTAG) |
| 2 - | **Tube waterproofing:** | Filling gel |
| 3 - | **Tube :** | Thermoplastic material diameter 2,8 mm |
| 4 - | **Reinforcement :** | Strengthened fiberglass anti-rodent protection + inflating rope |
| 5 - | **Ripcord:** | Opening of the sheath |
| 6 - | **Outer jacket :** | Blue LSOH-FR sheath, in accordance with EN 50290-2-27 |

ACOME Protection Index against rodents IPA: ★★★☆☆ = Reinforced Protection

Marking of outer jacket: ACOLAN CLT RFD ZH - fiber count & type - product reference + Euroclass + DD/MM/YY hh:mm + metric

## GENERAL

| Characteristics | | Value | |
|---|---|---|---|
| | | Z1329A | Z1317A |
| | | 4 to 12FO | 16 to 24FO (bi-tubes) |
| Temperature range | Transport and storage | - 40°C to + 70°C | |
| | At the installation | -5°C to + 50°C | |
| | In service | -20°C to + 60°C | |
| Maximum pulling force (N) | | 3000 | |
| Crush resistance (N/cm) | | 300 | |
| Minimum bending radius (mm) | | 10xD | |
| Standard packaging | | 2100m drums | |
| Nominal sheath thickness (mm) | | 1,5 | |
| Nominal diameter (mm) | | 8,3 | 9,2 |
| Nominal weight (kg/km) | | 81 | 94 |

Wrapping: cables are supplied with a protective wrap which must be maintained until full use of the product.

## COLOR CODE

Bleu | Orange | Vert | Marron | Gris | Blanc | Rouge | Noir | Jaune | Violet | Rose | Turquoise

# RANGE

| Cable Content | Multimode 50/125 OM2 ACMM50 | Multimode 50/125 OM3 ACMM50 | Multimode 50/125 OM4 ACMM50 | Monomode 9/125*OS2 ACSM2-D METRO | 4 fibers | B1072A | B1080A | B1088A | B1096A |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 6 fibers | B1073A | B1081A | B1089A | B1097A |
| 8 fibers | B1074A | B1082A | B1090A | B1098A | | | | | |
| 12 fibers | B1075A | B1083A | B1091A | B1099A | | | | | |
| 16 fibers | B1076A | B1084A | B1092A | B1100A | | | | | |
| 24 fibers | B1077A | B1085A | B1093A | B1101A | | | | | |

*9/125 : G652 fibrers

# NORMS AND STANDARDS

## GENERAL

Cable et 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, ...)

## EUROCLASSE

## FIRE BEHAVIOUR

Europe

| Number of fibers | Euroclass | Declaration of  performance | Standards |
|---|---|---|---|
| 4 to 24 fibers | Dca-s2,d2,a2 | 17CLT0002 | IEC 60332-1, EN 50399<br>IEC 60754-2 |

Scan the QR code to access declarations of performance on www.acome.fr

Outside Europe

| | |
|---|---|
| No flame propagation | IEC 60332-1 |
| Low gas corrosivity | IEC 60754-2 |
| Low toxicity | IEC 60754-1 |
| No Fire propagation | IEC 60332-3-24 (3C)*  (4 to 12 fo) |

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