

## B1317A ACOLAN® FIREPROTECT OPTICAL



ACOLAN® FIREPROTECT OPTICAL - CLT RFD ZH 4 to 24 FO - Reinforced Dry Loose Structure - Cca 4 to 24 fibers Indoor/Outdoor - Dielectrical - LSOH-FR Watertight - 50/125 OM2, OM3, OM4, OM5, 9/125 OS2

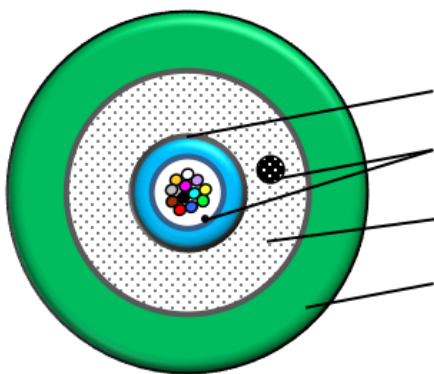
### BENEFITS

- Flexible inner Tube
- Improved Fire Performance
- Reinforced Protection against rodents
- Save time during installation thanks to the new dry cable structure

### 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 Outdoor.

### GENERAL CHARACTERISTICS



- |                                  |  |
|----------------------------------|--|
| <b>1. Module Dry Loose Tube:</b> | 4 to 12 optical fibers (color code FOTAG)                    |
| <b>2. Waterproofness:</b>        | Water swellable yarn – Radial and longitudinal sealing       |
| <b>3. Reinforcement:</b>         | Strengthening fiberglass                                     |
| <b>4. Outer jacket:</b>          | Green LSOH-FR sheath, EN 50290-2-27 compliant, UV stabilised |

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

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

## GENERAL

| Characteristics               |                       | Value            |                 |
|-------------------------------|-----------------------|------------------|-----------------|
|                               |                       | Z1416A           | Z1417A          |
|                               |                       | 4 to 12FO        | 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/10 cm)    |                       | 2000             |                 |
| Minimum bending radius (mm)   |                       | 10xD             |                 |
| Standard packaging            |                       | 2100m drums      |                 |
| Nominal sheath thickness (mm) |                       | 1,3              |                 |
| Nominal diameter (mm)         |                       | 8,3              | 9,2             |
| Nominal weight (kg/km)        |                       | 74               | 86              |

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

## COLOR CODE



## RANGE

| Cable content | Multimode 50/125 OM2 ACMM50 OM2 | Multimode 50/125 OM3 ACMM50 OM3 | Multimode 50/125 OM4 ACMM50 OM4 | Multimode 50/125 OM5 ACMM50 OM5 | Single mode 9/125* OS2 ACSM2-D PREMIUM |
|---------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--|
| 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                                 |

\*9/125 : fibres UIT-T G.652.D

## NORMS AND STANDARDS

### GENERAL



Cable et fibres : EN 60793 / EN 60794

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, ...)

## EUROCLASS



## FIRE BEHAVIOUR

Europe

| Number of fibers | Euroclass     | Declaration of performance | Standards                                     |
|------------------|---------------|----------------------------|---|
| 4 to 12 fibres   | Cca-s1a,d1,a1 | <a href="#">20CLT0006</a>  | IEC 60332-1, EN 50399, IEC 60754-2, IEC 61034 |
| 24 fibres        | Cca-s1a,d1,a1 | <a href="#">20CLT0008</a>  | IEC 60332-1, EN 50399, IEC 60754-2, IEC 61034 |

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 24 fo) |