

B1316A 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

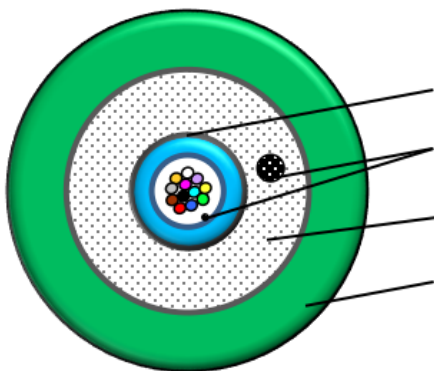
BENEFITS

- 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



- | | |
|----------------------------------|--|
| 1. Module Dry Loose Tube: | 4 to 12 optical fibers (color code FOTAG) |
| 2. Waterproofness: | Water swellable yarn – Radial and longitudinal sealing |
| 3. Reinforcement: | Strengthening fiberglass |
| 4. Outer jacket: | 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 | 20CLT0006 | IEC 60332-1, EN 50399, IEC 60754-2, IEC 61034 |
| 24 fibres | Cca-s1a,d1,a1 | 20CLT0008 | 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) |