

B1237A "ACOLAN OPTICAL - MBO REINFORCED ZH"

24xOM2 TIGHT IN/OUT B2ca REINFORCED DIELECTRICAL - GREEN

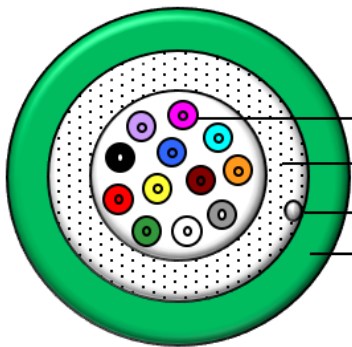
BENEFITS

- Reinforced cable suitable for all environments
- Stripping becomes faster with our new tight Rapid Strip Fiber (RS 900).
- Design optimized for connector mounting or Fiber splicing.

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).

GENERAL CHARACTERISTICS



- | | | |
|-----|------------------------|--|
| 1 - | Tight buffer : | 24 optical fibers 900µm (color code FOTAG). |
| 2 - | Reinforcement : | Strengthening fiberglass anti-rodent protection. |
| 3 - | Waterproofness: | Swelling rope. |
| 4 - | Outer jacket : | Green LSOH-FR sheath, EN 50290-2-27 compliant. |

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

Marking of outer jacket: ACOLAN MBO RFD ZH - fiber count & type - product reference - Euroclass - JJJ/MM/AA hh:mm + metric

GENERAL

| Characteristics | | Value |
|-------------------------------|-----------------------|---------------------|
| | | |
| | | Z1410B |
| Temperature range | Transport and storage | -40°C to + 70°C |
| | During installation | -5°C to + 50°C |
| | In service | -30°C to + 70°C |
| Maximum pulling force | | 2500 |
| Crush resistance | | 300 |
| Minimum bending radius (mm) | | 10 x cable diameter |
| Standard packaging | | 2100m drums |
| Nominal sheath thickness (mm) | | 1,5 |
| Nominal diameter (mm) | | 11,5 |
| Nominal weight (kg/km) | | 120 |

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

COLOR CODE



Optical Fibers n° 13 to 24 have a black mark on the buffer (the black fiber's sheath is replaced by a dark green).

RANGE

| Cable Content | Multimode 50/125 OM2 ACMM50 OM2 | Multimode 50/125 OM3 ACMM50 OM3 | Multimode 50/125 OM4 ACMM50 OM4 | Single mode 9/125*OS2 ACSM2-D PREMIUM |
|---------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------------|
| 24 Fibres | B1237A | B1238A | B1239A | B1240A |

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

NORMS AND STANDARDS

GENERAL



Cable and fibers: EN 60793 / EN 60794

Wiring systems: qEN 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 |
|------------------|----------------|----------------------------|--|
| 24 fibers | B2ca-s1a,d1,a1 | 17MBO0005 | IEC 60332-1, EN 50399, IEC 60754-2, IEC 61034, EN 50399, IEC 60754-2 |
| 48 fibers | Eca | 17 CLT0005 | IEC 60332-1 |



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) * |

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