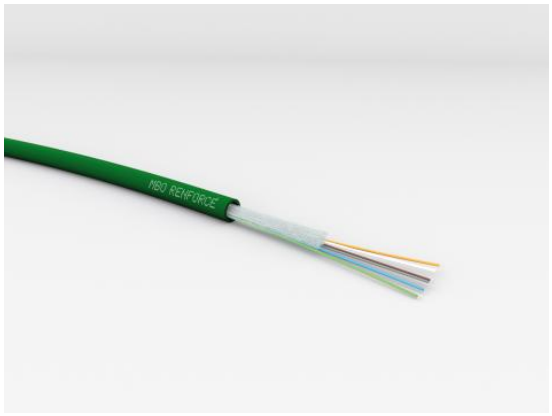


B1237A
"ACOLAN OPTICAL - MBO REINFORCED ZH"

24xOM2 TIGHT IN/OUT B2ca REINFORCED DIELECTRICAL - GREEN

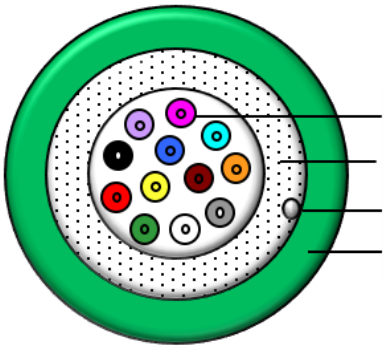
BENEFITS

- 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 - JJ/MM/AA hh:mm + metric

GENERAL

Characteristics		Value
		MBO 24 fibers
		Z1410B
Temperature range	Transport and storage	-40°C to + 70°C
	During installation	-5°C toà + 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

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

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.