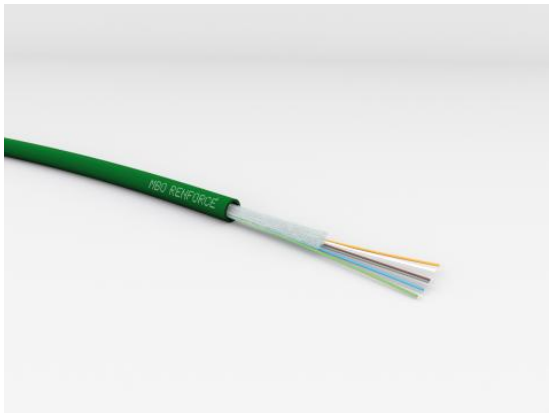


B1225A
ACOLAN OPTICAL - MBO REINFORCED ZH

8xOS2 TIGHT IN/OUT ZH REINFORCED DIELECTRICAL - GREEN

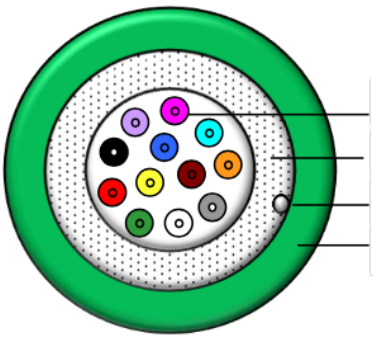
BENEFITS

- Reinforced Universal range 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 :**	4 to 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 4 fibers	MBO 6 fibers	MBO 8 fibers	MBO 12 fibers	MBO 24 fibers
		Z1406A			Z1409A	Z1410A
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		1500			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)		9			10,5	11,5
Nominal weight (kg/km)		73	75	80	102	120

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

COLOR CODE

Code couleur FOTAG

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

Optical fibers n°13 to 24 are identified by a black mark (the buffer color of the black fiber is replaced by 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
4 fibres	B1208A	B1213A	B1218A	B1223A
6 fibres	B1209A	B1214A	B1219A	B1224A
8 fibres	B1210A	B1215A	B1220A	B1225A
12 fibres	B1211A	B1216A	B1221A	B1226A
24 fibres	B1212A	B1217A	B1222A	B1227A

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

NORMS AND STANDARDS

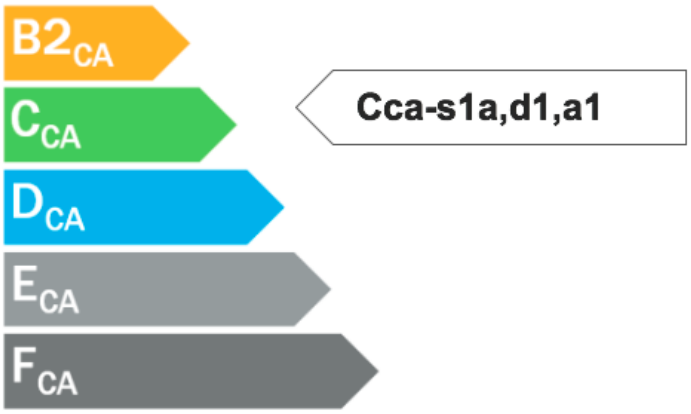
GENERAL

Cable and fibers : EN 60793 / EN 60794

Wiring system : 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 n°	Standards
4 to 24 fibers	Cca-s1a,d1,a1	17CLT000217MBO0004	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.