

## B1225A ACOLAN OPTICAL - MBO REINFORCED ZH

8xOS2 TIGHT IN/OUT ZH REINFORCED DIELECTRICAL - GREEN

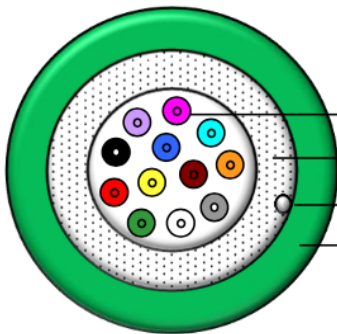
### BENEFITS

- 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 - <b>Tight buffer :</b>	4 to 24 optical fibers 900µm (color code FOTAG).
2 - <b>Reinforcement :</b>	Strengthening fiberglass anti-rodent protection.
3 - <b>Waterproofness:</b>	Swelling rope.
4 - <b>Outer jacket :</b>	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 to + 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



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

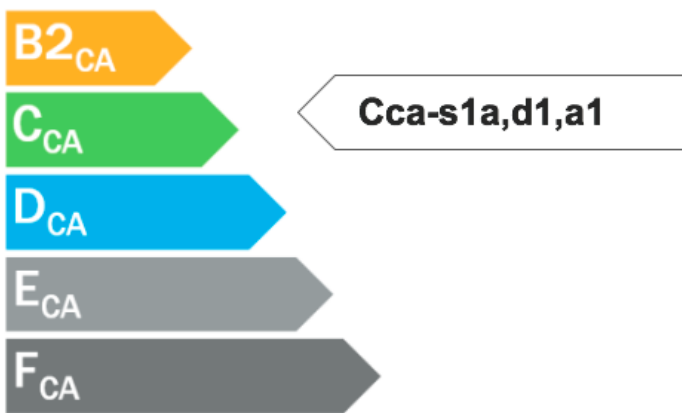


Cable and fibers : EN 60793 / EN 60794

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.acle.fr](http://www.acle.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.

