

ACOLAN® FIREPROTECT OPTIQUE

MBO RFD ZH – Mini Break-Out – Tight Reinforced – Cca

4 to 24 fibres Indoor/Outdoor – Dielectrical – LSOH-FR

Dry watertightness 50/125 OM2, OM3, OM4, 9/125 OS2



- 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).

	Standards	Fire Euroclass
Cable and fibers	: 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, ...)	

ACOME references

Cable content	Multimode 50/125 OM2 ACMM50 OM2	Multimode 50/125 OM3 ACMM50 OM3	Multimode 50/125 OM4 ACMM50 OM4	Singlemode 9/125*OS2 ACSM2-D PREMIUM
4 fibers	B1208	B1213	B1218	B1223
6 fibers	B1209	B1214	B1219	B1224
8 fibers	B1210	B1215	B1220	B1225
12 fibers	B1211	B1216	B1221	B1226
24 fibers	B1212	B1217	B1222	B1227

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



ACOLAN[®] FIREPROTECT OPTIQUE

MBO RFD ZH – Mini Break-Out – Tight Reinforced – Cca

4 to 24 fibres Indoor/Outdoor – Dielectrical – LSOH-FR

Dry watertightness 50/125 OM2, OM3, OM4, 9/125 OS2

Fire behaviour

Europe

Number of fibers	Euroclass	Declaration of performance n°	Standards
4 to 24 fibers	Cca-s1a,d1,a1	17MBO0004	IEC 60332-1, EN 50399, IEC 60754-2. IEC 61034



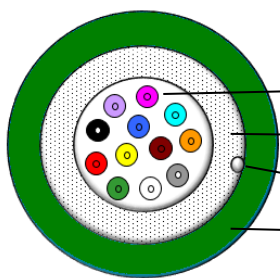
Scan the QR code to access declarations of performance on www.acome.fr

For construction works which are not subject to reaction to fire requirements (depending on national regulation), we can provide on demand C1 classification certificate (tests realized by an external laboratory). Please contact us for such requests.

Outside Europe

No flame propagation	IEC 60332-1
Low gas corrosivity	IEC 60754-2
Low toxicity	IEC 60754-1

Description



- 1 - **Tight buffer :** 4 to 24 optical fibers 900µm (color code FOTAG).
- 2 - **Reinforcement :** Strengthened fiberglass anti-rodent protection
- 3 - **Waterproofness:** Swelling rope.
- 4 - **Outer jacket :** Green LSOH-FR sheath, EN 50290-2-28 compliant.

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

Marking of outer jacket: manufacturing year - ACOME - fiber count & type - product reference + Euroclass + metric

Color code 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)



ACOLAN® FIREPROTECT OPTIQUE

MBO RFD ZH – Mini Break-Out – Tight Reinforced – Cca

4 to 24 fibres Indoor/Outdoor – Dielectrical – LSOH-FR

Dry watertightness 50/125 OM2, OM3, OM4, 9/125 OS2

Main cable characteristics

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.