B1305A
ACOLAN® FIREPROTECT OPTICAL

ACOLAN® FIREPROTECT OPTICAL - CLT RFD ZH 4 to 24 FO – Reinforced Dry Loose Structure – Cca 4 to 24 fibers Indoor/Outdoor – Dielectrical – LSOH-FR Watertight – 50/125 OM2, OM3, OM4, OM5, 9/125 OS2

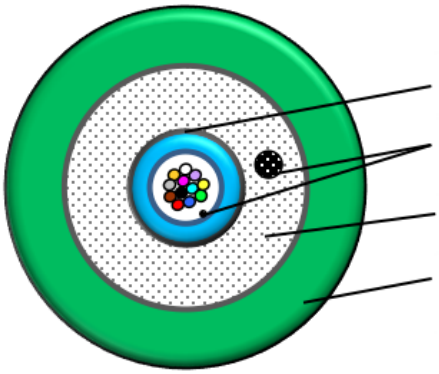
BENEFITS

- Flexible inner Tube
- Improved Fire Performance
- Reinforced Protection against rodents
- Save time during installation thanks to the new dry cable structure

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).
- They can be use Outdoor.

GENERAL CHARACTERISTICS



1. Module Dry Loose Tube:	4 to 12 optical fibers (color code FOTAG)
2. Waterproofness:	Water swellable yarn – Radial and longitudinal sealing
3. Reinforcement:	Strengthening fiberglass
4. Outer jacket:	Green LSOH-FR sheath, EN *50290-2-27* compliant, UV stabilised

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

Marking of outer jacket: ACOLAN FIREPROTECT CLT RFD ZH - fiber count & type - product reference + Euroclass + DD/MM/YY hh:mm + metric

GENERAL

Characteristics		Value	
		Z1416A	Z1417A
		4 to 12FO	24FO (bi-tubes)
Temperature range	Transport and storage	- 40°C to + 70°C	
	At the installation	-5°C to + 50°C	
	In service	-20°C to + 60°C	
Maximum pulling force (N)		3000	
Crush resistance (N/10 cm)		2000	
Minimum bending radius (mm)		10xD	
Standard packaging		2100m drums	
Nominal sheath thickness (mm)		1,3	
Nominal diameter (mm)		8,3	9,2
Nominal weight (kg/km)		74	86

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

RANGE

Cable content	Multimode 50/125 OM2 ACMM50 OM2	Multimode 50/125 OM3 ACMM50 OM3	Multimode 50/125 OM4 ACMM50 OM4	Multimode 50/125 OM5 ACMM50 OM5	Single mode 9/125* OS2 ACSM2-D PREMIUM
4 fibers	B1301A	B1307A	B1313A		B1319A
6 fibers	B1302A	B1308A	B1314A	B1349A	B1320A
8 fibers	B1303A	B1309A	B1315A		B1321A
12 fibers	B1304A	B1310A	B1316A	B1350A	B1322A
24 fibers	B1305A	B1311A	B1317A	B1351A	B1323A

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

NORMS AND STANDARDS

GENERAL

Cable et fibres : 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, ...)

EUROCLASS

FIRE BEHAVIOUR

Europe

Number of fibers	Euroclass	Declaration of performance	Standards
4 to 12 fibres	Cca-s1a,d1,a1	20CLT0006	IEC 60332-1, EN 50399, IEC 60754-2, IEC 61034
24 fibres	Cca-s1a,d1,a1	20CLT0008	IEC 60332-1, EN 50399, IEC 60754-2, IEC 61034

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)* (4 to 24 fo)