

B1137A
ACOLAN OPTICAL - CLT STAINLESS STEEL ZH "

6xOM2 LOOSE IN/OUT ZH STAINLESS STEEL - BLUE

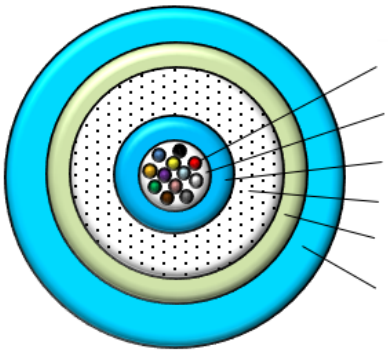
BENEFITS

- Flexible inner Tube
- Very Reinforced Protection against rodents
- Optical design to facilitate preparation and access to fibers

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 Indoor or Outdoor.

GENERAL CHARACTERISTICS



1 -	**Fibre optique :**	4 in 24 optical fibers (color code FOTAG)
2 -	**Tube waterproofing :**	Filling gel
3 -	**Tube :**	Thermoplastic material
4 -	**Reinforcement :**	Strengthening fiberglass + inflating rope
5 -	**Armour :**	Corrugated steel armour
6 -	**Outer jacket:**	Blue LSOH-FR sheath, in accordance with EN 50290-2-27

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

Marking of outer jacket: ACOLAN CLT ARM ZH - fiber count & type - product reference Euroclass + (NF C 32070 C1) + DD/MM/YY + metric

GENERAL

Characteristics		Value	
		Z1027A	Z1301A
		4 to 12FO	16 to 24FO
Temperature range	Transport and storage	- 40°C at + 70°C	
	At the installation	-5°C at + 50°C	
	In service	-40°C at + 70°C	
Maximum pulling force (N)		2000	
Crush resistance (N/10 cm)		5000	
Minimum bending radius (mm)		150	
Standard packaging		2100m drums	
Nominal sheath thickness (mm)		1,85	1,1
Nominal diameter (mm)		8,7	9
Nominal weight (kg/km)		83	110

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	Single mode 9/125* OS2 ACSM2-D METRO
4 fibers	B1136A	B1142A	B1148A	B1154A
6 fibers	B1137A	B1143A	B1149A	B1155A
8 fibers	B1138A	B1144A	B1150A	B1156A
12 fibers	B1139A	B1145A	B1151A	B1157A
16 fibers	B1140A	B1146A	B1152A	B1158A
24 fibers	B1141A	B1147A	B1153A	B1159A

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

NORMS AND STANDARDS

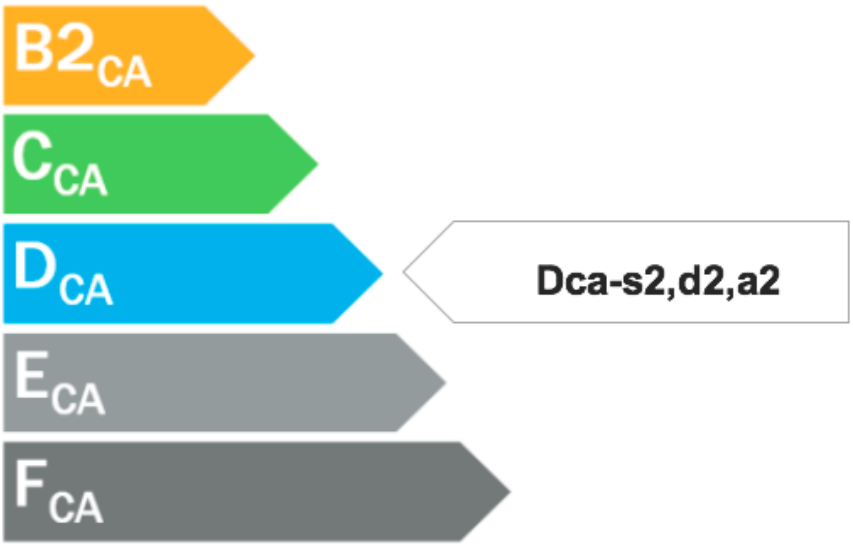
GENERAL

Cable and fibers : EN 60793 / EN 60794-1

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	Standards
4 to 24 fibers	Dca-s2,d2,a2	17CLT0003	IEC 60332-1, EN 50399 IEC 60754-2

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 for cables from 4 to 12 FO (tests realized by an external laboratory - reference to the standard indicated on the marking of the cable). 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