

B1194A "ACOLAN OPTICAL - MBO STANDARD ZH "

12xOM3 TIGHT IN/OUT ZH STANDARD DIELECTRICAL - BLUE

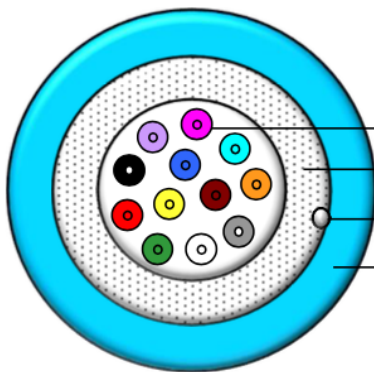
BENEFITS

- Universal range Indoor/Outdoor with swelling rope
- 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 :	2 to 24 optical fibers 900µm (color code FOTAG).
2 - Reinforcement :	Strengthening fiberglass.
3 - Waterproofness:	Swelling rope.
4 - Outer jacket :	Blue LSOH-FR sheath, EN 50290-2-27 compliant.

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

Marking of outer jacket: ACOLAN MBO STD ZH - fiber count & type - product reference - Euroclass -JJ/MM/AA hh:mm + metric

GENERAL

Characteristics		Value					
		MBO 2 fibers	MBO 4 fibers	MBO 6 fibers	MBO 8 fibers	MBO 12 fibers	MBO 24 fibers
		Z1400A		Z1401A	Z1403A		Z1405A
Temperature range	Transport and storage	-40°C to + 70°C					
	At the installation	-5°C to + 50°C					
	In service	-30°C to + 70°C					
Maximum pulling force (N)		500		800		1600	
Crush resistance (N/cm)		200					
Minimum bending radius (mm)		10 x cable diameter					
Standard packaging		2100m drums					
Nominal sheath thickness (mm)		1					
Nominal diameter (mm)		5,8		6,6	7,5		9,8
Nominal weight (kg/km)		28	35	39	44	49	89

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	Multimode 50/125 OM3 ACMM50	Multimode 50/125 OM4 ACMM50	Mono mode 9/125* OS2 ACSM2-D PREMIUM
2 fibres	B1184A	B1190A	B1196A	B1202A
4 fibres	B1185A	B1191A	B1233A	B1203A
6 fibres	B1186A	B1192A	B1234A	B1204A
8 fibres	B1187A	B1193A	B1235A	B1205A
12 fibres	B1188A	B1194A	B1236A	B1206A
24 fibres	B1189A	B1195A	B1232A	B1207A

*9/125 : G652 fibres

NORMS AND STANDARDS

GENERAL

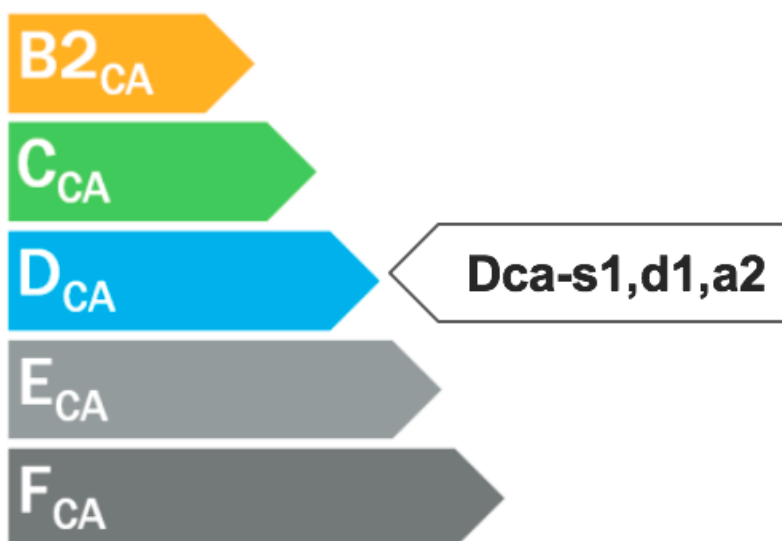


Cable et fibers : EN 60793 / EN 60794-1

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
2 to 24 fibers	Dca-s1,d1,a2	17MBO0003	IEC 60332-1, EN 50399, IEC 60754-2



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

Outside Europe

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