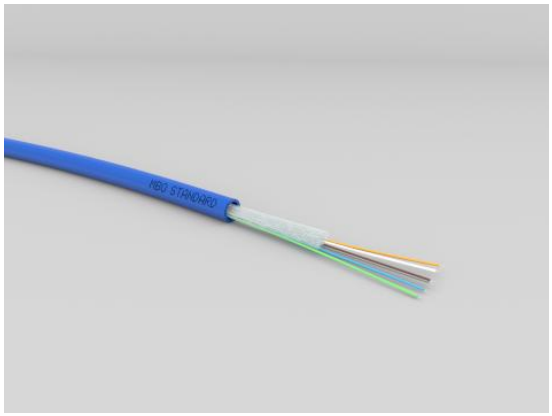


B1194A "ACOLAN OPTICAL - MBO STANDARD ZH "

12xOM3 TIGHT IN/OUT ZH STANDARD DIELECTRICAL - BLUE

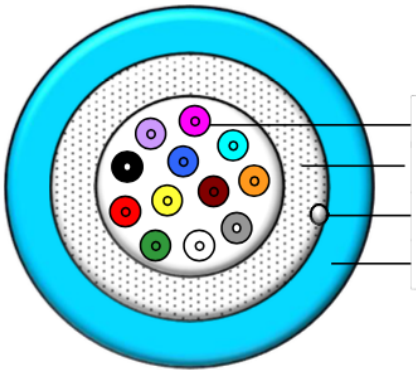
BENEFITS

- 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

Bleu Orange Vert Marron Gris Blanc Rouge Noir Jaune Violet Rose Turquoise

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

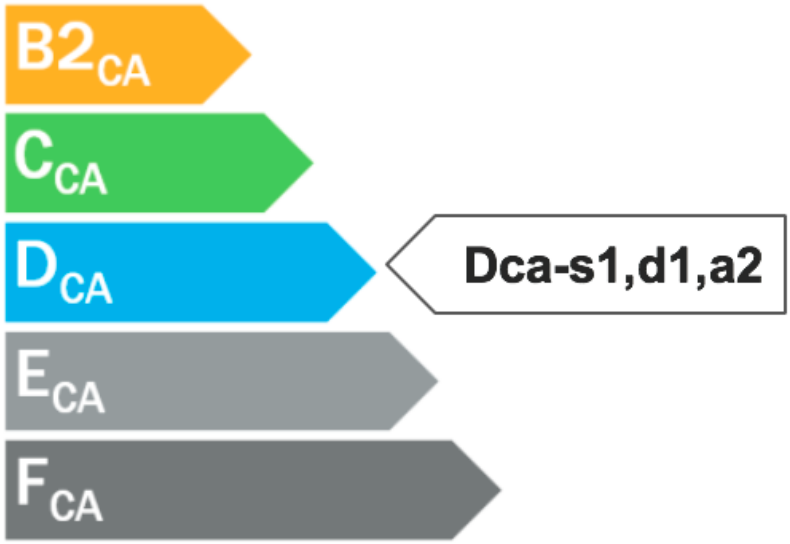
GENERAL

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.acome.fr

Outside Europe

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