MBO STANDARD CCA ZH ACOLAN OPTICAL

- Tight, indoor / outdoor
- 2 to 24 FO
- OM2, OM3, OM4, OS2
- Green outer jacket, ZH standard reinforced fiberglass
- Cca

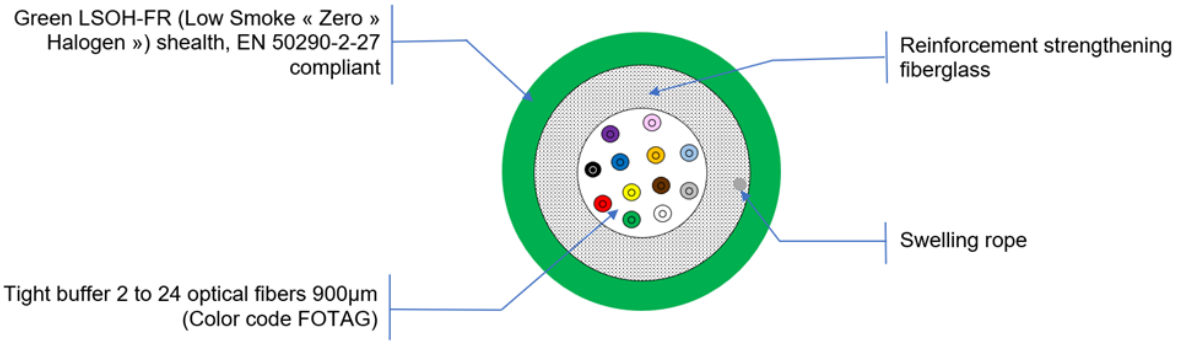
BENEFITS

- Standard 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
- ACOME Protection Index against rodents IPA : ★☆☆☆☆ = Protection standard

APPLICATIONS

- High speed data transmission cables designed for local networks (LAN).
- Designed for all applications: campus, backbone and horizontal cables
- Available for any type of environments : Office Buildings, Industrial, and Residential)
- Marking of outer jacket : ACOLAN MBO STD Cca ZH - fiber count & type - product reference – Euroclass – JJ/MM/AA hh :mm + metric

GENERAL CHARACTERISTICS



GENERAL

Characteristics		Value					
		MBO 2 fibers	MBO 4 fibers	MBO 6 fibers	MBO 8 fibers	MBO 12 fibers	MBO 24 fibers
		Z1433A		Z1434A	Z1435A		Z1436A
Temperature range	Transport and storage	-40°C à + 70°C					
	At the installation	-5°C à + 50°C					
	In service	-30°C à + 70°C					
Maximum pulling force (N)		800		1100			1800
Crush resistance (N/10cm)		2000					
Minimum bending radius (mm)		10 x cable diameter					
Standard packaging		2100m drums					
Nominal sheath thickness (mm)		1.0		1,1			
Nominal diameter (mm)		6.0		7.0	7.8		10.0
Nominal weight (kg/km)		31	33	45	51	55	85

Cables are supplied with a protective wrap which must be maintained until full use of the product

COLOR OF FIBERS

Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Violet	Pink	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	Single mode 9/125 (UIT-T G.652.D) OS2	Multimode 50/125 OM2	Multimode 50/125 OM3	Multimode 50/125 OM4
2 fibers	B1419A	B1425A	B1431A	B1437A
4 fibers	B1420A	B1426A	B1432A	B1438A
6 fibers	B1421A	B1427A	B1433A	B1439A
8 fibers	B1422A	B1428A	B1434A	B1440A
12 fibers	B1423A	B1429A	B1435A	B1441A
24 fibers	B1424A	B1430A	B1436A	B1442A

NORMS AND STANDARDS

STANDARDS

- Cable et fibers : EN 60793 / EN 60794
- 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, ...)

FIRE BEHAVIOUR

Number of fibers	Euroclass	Declaration of performance	Standard (Europe)	Standard (Outside Europe)
2 to 24 fibers	Cca-s1a,d1,a1	24MBO0006	IEC 60332-1 EN 50399 IEC 60754-2 IEC 61034	IEC 60332-1 (No flame propagation) IEC 60754-2 (Low gas corrosivity) IEC 60754-1

RECOMMENDATIONS

Guide ACOLAN® Optique

RÈGLES DE STOCKAGE, TRANSPORT ET POSE DES CÂBLES POUR LES RÉSEAUX TERTIAIRES