

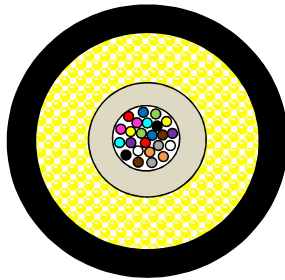
OPTICAL CABLES
BLOWING CABLE
H0387A

MCB 1610

Z

24fo - M24 - G657A1

The MCB1610 range of micro-cables has been developed to be installed by blowing in micro-ducts towards the entrances of houses or feet of buildings. Its optimized dimension and its structure allow this cable to be installed in micro-ducts of small sizes either buried or installed in sheaths.



Principle cross section

- Loose Tube with filling compound for tightness
- Aramid yarns
- Outer sheath : HD polyéthylène NF EN 50290-2-24 Compliant

Fibre count		Modularity	Part number	Linear density		Outer sheath ϕ		Sheath colour
24	fo	M24	H0387A	5	kg/km	2.6	mm	Black

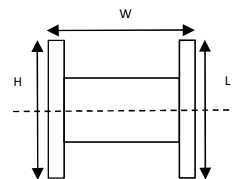
Optical fibres colour code ①																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Red	Blue	Green	Yellow	Violet	White	Orange	Grey	Brown	Black	Aqua	Pink	Red	Blue	Green	Yellow	Violet	White	Orange	Grey	Brown	Natural	Aqua	Pink

Fibers 13 to 24 are differentiated by ring

Modules colour code ①	
1	Natural

Marking ①	Colour :	White
Example :	ACOME MCB1610 2021 50 24 FO G657A1 200 μ m H0387 1500 m (Year) (Week)	

Packaging ①	Drum type	Dimensions			Total weight (kg)	Delivery length (m)
		Length (L) (mm)	Width (W) (mm)	Height (H) (mm)		
Drum	XC	600	326	600	25	4000
Drum	6 x XC	1200	800	790	165	24000



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

① For any other choice, please contact us.

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Optical fibre /Datasheet (IEC 60793-2) :	G657A1
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Cabled fibre attenuation :	$\lambda = 1310 \text{ max} \leq 0,36 \text{ dB/km}$ $\lambda = 1550 \text{ max} \leq 0,22 \text{ dB/km}$ $\lambda = 1625 \text{ max} \leq 0,24 \text{ dB/km}$
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Characteristics	Values	Test method
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Mechanical			
Maximum Pulling Force	80	N	IEC 60794-1-21 E1
Crush resistance	300	N/cm	IEC 60794-1-21 E3
Reversibility of attenuation			
Bending radius (with tensile stress)	20x\emptyset	mm	IEC 60794-1-21 E6
Bending radius (without tensile stress)	15x\emptyset	mm	IEC 60794-1-21 E11

Environmental			
Temperature range			
- Transport and storage	-25 +70	°C	IEC 60794-1-22 F1
- Installation	-5 +40	°C	
- Operation	-20 +60	°C	
Water penetration	Compliant		IEC 60794-1-22 F5b/c

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The guidelines for storage, transportation and cable installation are defined in our ACOPTIC guide:

<https://www.acome.com/en/The-Group/Library/Cable-Storage-Transport-and-Installation-rules>