

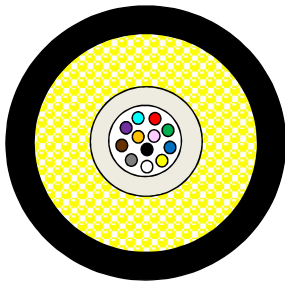
OPTICAL CABLES
BLOWING CABLE
H0386A

MCB 1610

Z

12fo - M12 - 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

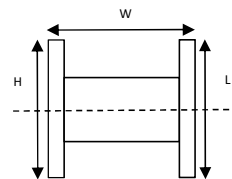
Fibre count		Modularity	Part number	Linear density		Outer sheath ϕ		Sheath colour
12	fo	M12	H0386A	5	kg/km	2.5	mm	Black

Optical fibres colour code ①												
1	2	3	4	5	6	7	8	9	10	11	12	
Red	Green	Blue	Yellow	White	Grey	Brown	Violet	Aqua	Black	Orange	Pink	

Modules colour code ①	
1	Natural

Marking ①	Colour :	White
Example :	ACOME MCB1610 2021 50 12 FO G657A1 H0386 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>