



PRODUCT SHEET

MCD1510/20



Telecom, Data & Infrastructures

ACOPTIC®

Blown Optic Mini-cables

Outdoor micro-duct based telecom networks



MCD1510/20 from 12 to 144 Fibres



- Compliance with 8/10mm micro-ducts (up to 96fo), 10/12mm (144fo)
- Robust and compact design
- Very low friction enabling the cable to be blown on more than 2km (depending on network design)
- Versatility of the available versions (fibre type, color coding)

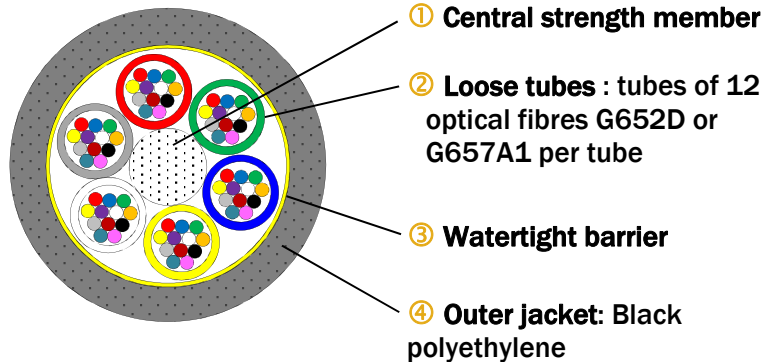
Applications

ACOPTIC® gathers ACOME's optic cables solutions for telecom networks.

The MCD1510 and MCD 1520 cable ranges are the solution for micro-ducts based outdoor backbones and access networks.

These ranges of cables are blown on short and large distances (up to 2km when the network design allows it).

Design description



Standards

Cable and fibres : IEC/EN 60793 and IEC/EN 60794-1.
Color coding : VDE0888.

Tubes and fibres color codes

VDE0888 color codes (colors 1 to 12)

1	2	3	4	5	6	7	8	9	10	11	12
Red	Green	Blue	Yellow	White	Grey	Brown	Violet	Turquoise	Black	Orange	Pink

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General features

		Series Z1250 MCD1510 12 to 72 fibres	Series Zxxx MCD1520 96 fibres	Series Zxxx MCD1520 144 fibres
Nominal cable diameter (mm)		6	6.3	8.1
Tensile strength (N)		500	700	
Maximum crush resistance (N/cm)		35		
Minimum bending radius (mm)		60	63	81
Nominal weight (kg/km)		35	45	55
Temperatures	Transport and storage	-40 / +65 ° C	-25 ° C / +70 ° C	
	Installation	-5 / +55 ° C	-5 / +55 ° C	
	Operation	-40 / +65 ° C	-25 ° C / +70 ° C	
Standard packaging		Drum of 4000 m		
Marking (Hot stamping, white) : Year and week of manufacture – ACOME – number and type of fibres – product P/N + metrics				

Product references

Range	Cable capacity	Nb Tubes / modularity	Color code according to VDE0888	
			Single-mode G652D	Single-mode G657A1
MCD1510	12 fibres	1 tube of 12 fibres		
MCD1510	24 fibres	2 tubes of 12 fibres		
MCD1510	48 fibres	4 tubes of 12 fibres		
MCD1510	72 fibres	6 tubes of 12 fibres	H0127A	
MCD1520	96 fibres	8 tubes of 12 fibres	H0128A	
MCD1520	144 fibres	12 tubes of 12 fibres	H0129A	

A tube contains 12 fibers. For capacity from 12 to 60 fibres, black passive stuffed tubes replace unused tubes.

Recommendations for storage, packaging and installation

- Cables are delivered with a protective packaging to be kept on until the end of the installation.
- Guidelines for storage, transportation and cable installation are defined in our ACOPTIC guide <http://www.acome.fr/en/The-Group/Library/Cable-Storage-Transport-and-Installation-Rules>