



## B1358A HEMERA

HEMERA PAcE Cable 144 FO Modulo 12 OM4

## BENEFITS

- A single cable can serve up to 1000 access points
- The ability to access to a group of fibers anywhere and at any time to connect a user, a user group, an access point or a sub-distributor
- Great ease of laying the cable

## APPLICATIONS

ACOME HEMERA-PACe range meets all of the buildings' fibre-optic service needs. They can be installed in tertiary and industrial environments.

The Hemera PACe range has a specific design to allow permanent access to fibers anywhere on the cable with Mid span derivation with splicing. It allows micromodule derivations of 6 to 12 fibers, which can be connected by mechanical splicing or fusion.

The cable, protected by a Zero Halogen (LSOH) fire retardant sheath, consists of 8 to 16 micromodules. Each micromodule is strippable easily and quickly without tool.

The cables in this range are particularly suitable for wiring buildings using FttD, Ftto or POL network architectures for which hundreds of fibers may be needed.

## GENERAL CHARACTERISTICS

### GENERAL

Characteristics		Values		
		Z1412A	Z1413A	Z1414A
		48 FO	72 to 144 FO	192 to 288 FO
Temperature range	Transport and storage	-40 / 70 °C		
	Installation	-5 / 50 °C		
	Operation	-30 / 70 °C		
Maximum pulling force (N)		800	1200	2000
Crush resistance (N/10cm)		2000		700
Minimum bending radius (mm)		90	100	130
Nominal diameter (mm)		8,7	10,5	13,8
Standard packaging		Cut length		
Maximum length of use		Variable depending on Ethernet rate and type of optical fiber		
Fire Performance (CPR)		B2ca-s1a,d0,a1		
Cable storage		Indoor		
Marking (3 markings per meter)		A← HEMERA PACe nb fibers x type of fiber nb modulesCTmodularity réf. product Euroclass B2ca-s1a,d1,a1 →B JJ/MM/AA hh:mm + métríc (JJ = day, MM = month, AA = year, hh = hour, mm = minute)		
Nominal weight (kg/km)		67	88 to 96	138 to 151

# COLOURS

Fibers color codes (colors 1 to 12)											
1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Turquoise
Micromodules color codes											
Blue	Orange	Dark green	Brown	Grey	White	Red	Black or pale green	Yellow	Violet	Pink	Turquoise
1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24

Micromodules 13 to 24 are identified by a black mark.

# RANGE

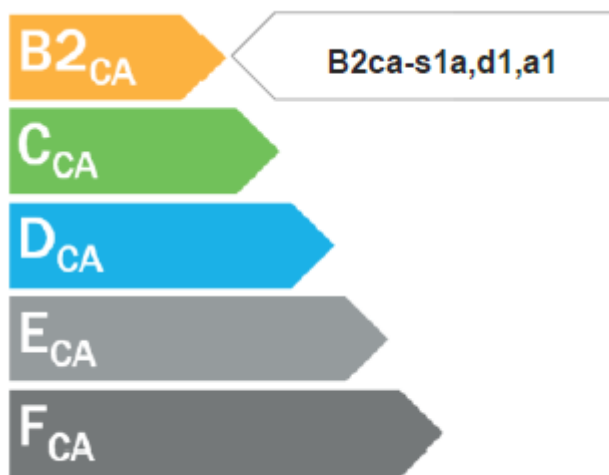
REFERENCES					
Capacity number of fibers	Modularity	Number of Micromodules	OM3	OM4	G657A1
48 fibres	6 fo/Compact Tube	8	B1281A	B1355A	B1286A
72 fibres	6 fo/Compact Tube	12	B1282A	B1356A	B1287A
96 fibres	12 fo/Compact Tube	8	B1283A	B1357A	B1288A
144 fibres	12 fo/Compact Tube	12	B1284A	B1358A	B1289A
192 fibres	12 fo/Compact Tube	16	B1285A	/	B1290A
288 fibres	12 fo/Compact Tube	24	B1297A	/	B1300A
Similar product					
Designation			Reference		Packaging
Opening tool Home-PACe			IC5006		Piece

# NORMS AND STANDARDS

## GENERAL

STANDARDS		
Cables and fibres	Cabling systems	Applications
CEI/EN 60793 CEI/EN 60794-1	NF EN 50173 ISO/IEC 11801	IEEE 802.3 10M to 10Gbits IEEE 802.5 (Token ring) ANSI X3T9-5 (FDDI)

## EUROCLASS



## COMPORTEMENT AU FEU

Fire behaviour :

Europe

Number of fibers	Euroclass	Declaration of performance number	Standards
48 à 288	B2ca-s1a,d1,a1	<a href="#">21PAC0008</a>	IEC 60332-1 EN 50399 IEC 60754-2 IEC 61034

Outside Europe

No flame propagation : IEC 60332-1

Low gas corrosivity : IEC 60754-2

Low toxicity : IEC 60754-1