



## B1288A HEMERA

HEMERA PACe Cable 96 FO Modulo 12 G657A1

### 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<br>(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

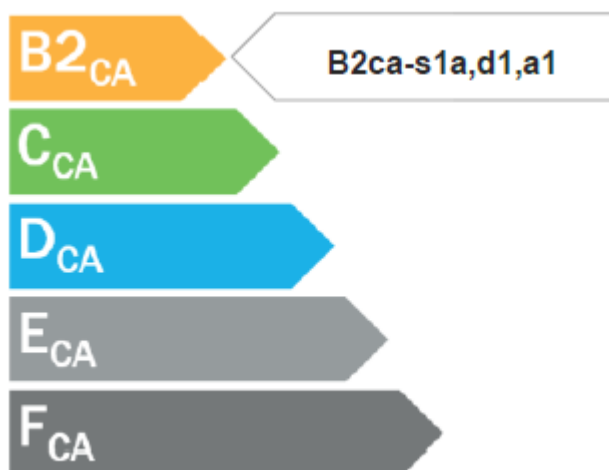
| Designation            | Reference | Packaging |
|------------------------|-----------|-----------|
| Opening tool Home-PACe | IC5006    | Piece     |

## NORMS AND STANDARDS

## GENERAL

| STANDARDS                      |                              |  |
|--------------------------------|------------------------------|--|
| Cables and fibres              | Cabling systems              | Applications   |
| CEI/EN 60793<br>CEI/EN 60794-1 | NF EN 50173<br>ISO/IEC 11801 | IEEE 802.3 10M to 10Gbits<br>IEEE 802.5 (Token ring)<br>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