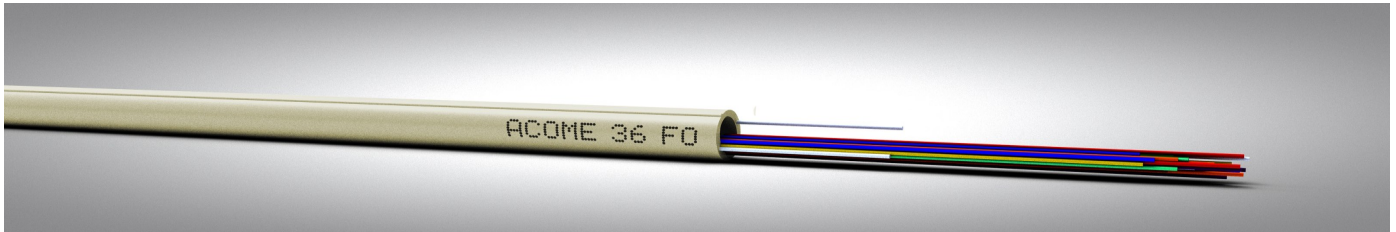


# PAD1826

## Optical Riser Cable for Indoor Distribution Riser – Home PACe Permanent accessibility in Multi Dwelling Units From 4 to 288 fibres



### Applications

ACOME's PAD1826 / Home-PACe ranges meet the cabling needs of **risers in buildings**. They can be installed into ducts or fixed to cable trays.

The specific design of the PAD1826 Home-PACe allows **permanent access** to the Compact Tube® by doing a window in the cable sheath, making it easy to extract the optical elements. They can then be easily coiled in the customer branching terminal.

These cables are particularly suitable for cabling large buildings requiring hundreds of fibres.

### Benefits

- **Quick installation:** saves time - no need to install ducts
- Greater adaptability: **permanent access to micromodules anywhere in the cable** with Midspan and splicing
- Installation in building cable trays
- **A single cable for the entire indoor distribution network**
- **Compact-Tube®** technology for **tool-free access to the fibre** and easy storage of the module in the boxes.
- **Easy cable preparation with no risk of kinks** on Compact-Tube® optical elements (end or mid-span).

### Standards

IEC/EN 60793 (fibre)  
IEC/EN 60794-2.20, (cable)

### Fire Performance

### Storage, Packaging & Installation

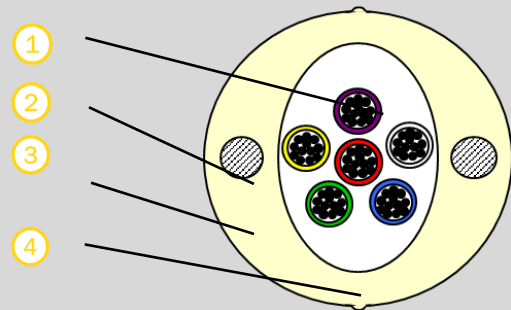
#### Cable protection on the drum

Cables are delivered with a covering for protection until they are required for installation.

#### Guidelines access

Guidelines for storage, transportation & cable installation can be found in our [ACOPTIC® guide](#)

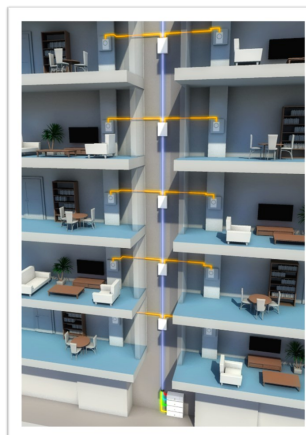
### Design



- 1 **Compact-tube®** : 2, 4, 6, 8 ou 12 optical fibres with an easy access strippable sheath
- 2 **Strength members** : 2 peripheral FRP embedded in the sheath
- 3 **Outer sheath** : LSOH-FR<sup>(1)</sup> material, UV stabilized ivory
- 4 **Sheath opening marking**

Example: 72 f—12 f per tube

<sup>(1)</sup> Low Smoke, Zero Halogene — Fire Retardant



#### Permanent Access cable

1<sup>st</sup> window cut

2<sup>nd</sup> window cut. Red Module is cut

Red Module extraction in 1<sup>st</sup> windows

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# PAD1826

## PAD1826 Technical Information

| Fibres per Tubes | Fibre Count | Nominal Diameter (mm) | Maximum Tensile Strength <sup>(1)</sup> (N) | Crush Resistance <sup>(2)</sup> (N/cm) | Minimum Bending Radius (mm) | Nominal Weight (kg/km) | Part Number G.657.A2 | Carbon Footprint <sup>(3)</sup> in (kgCO2eq/km cable) |
|------------------|-------------|-----------------------|---|--|-----------------------------|------------------------|----------------------|---|
| 2                | 24 f        | 8.5                   | 500   | 200                                    | 90                          | 65                     | N8983A               | 235   |
|                  | 48 f        | 10.5                  | 500   | 200                                    | 100                         | 87                     | N8984A               | 361   |
|                  | 72 f        | 13.5                  | 600   | 200                                    | 130                         | 118                    | N9030A               | 498   |
|                  | 96 f        | 13.5                  | 600   | 200                                    | 130                         | 124                    | N9148A               | 585   |
| 4                | 4 f         | 8.5                   | 500   | 200                                    | 90                          | 60                     | N9414A               | tbc   |
|                  | 8 f         | 6.75                  | 300   | 100                                    | 60                          | 33                     | N9252A*              | 111   |
|                  |             | 8.5                   | 500   | 200                                    | 90                          | 61                     | N9415A               | tbc   |
|                  | 16 f        | 6.75                  | 300   | 100                                    | 60                          | 34                     | N9096A*              | 136   |
|                  |             | 8.5                   | 500   | 200                                    | 90                          | 62                     | N9416A               | 203   |
|                  | 24 f        | 6.75                  | 300   | 100                                    | 60                          | 35                     | N9158A*              | 164   |
|                  |             | 8.5                   | 500   | 200                                    | 90                          | 63                     | N9417A               | 229   |
|                  | 32 f        | 6.75                  | 300   | 100                                    | 60                          | 36                     | N9159A*              | 187   |
|                  |             | 8.5                   | 500   | 200                                    | 90                          | 64                     | N9418A               | 250   |
|                  | 36 f        | 8.5                   | 500   | 200                                    | 90                          | 65                     | H0179A               | 263   |
|                  | 48 f        | 8.5                   | 500   | 200                                    | 90                          | 67                     | N8889A               | 300   |
|                  | 72 f        | 10.5                  | 500   | 200                                    | 100                         | 87                     | N8647C               | 415   |
|                  | 96 f        | 10.5                  | 500   | 200                                    | 100                         | 91                     | N8648B               | 486   |
|                  | 144 f       | 13.5                  | 600   | 200                                    | 130                         | 124                    | N8649B               | 694   |
| 6                | 6 f         | 6.75                  | 300   | 100                                    | 60                          | 32                     | N9724A*              | tbc   |
|                  | 12 f        | 6.75                  | 300   | 100                                    | 60                          | 33                     | N8525A*              | 122   |
|                  |             | 8.5                   | 500   | 200                                    | 90                          | 61                     | N8196B               | 189   |
|                  | 24 f        | 6.75                  | 300   | 100                                    | 60                          | 35                     | N8526A*              | 160   |
|                  | 36 f        | 6.75                  | 300   | 100                                    | 60                          | 37                     | N8527A*              | 197   |
|                  |             | 8.5                   | 500   | 200                                    | 90                          | 64                     | N8531A               | 260   |
|                  | 48 f        | 6.75                  | 300   | 100                                    | 60                          | 38                     | N8528A*              | 235   |
|                  |             | 8.5                   | 500   | 200                                    | 90                          | 66                     | N8200B               | 298   |
|                  | 60 f        | 8.5                   | 500   | 200                                    | 90                          | 68                     | N9115A               | 334   |
|                  | 72 f        | 10.5                  | 500   | 200                                    | 100                         | 86                     | N8201B               | 410   |
|                  | 96 f        | 10.5                  | 500   | 200                                    | 100                         | 90                     | N8109A               | 484   |
| 144 f            | 13.5        | 600                   | 200   | 130                                    | 122                         | N8222A                 | 684                  |   |

(1) MAT at 0,5% fibre elongation / 0,6% cable elongation  
 (2) reversible attenuation for this crush value  
 (3) according to PEP (Product Environmental Profile) methodology (PCR/PSR ed.3)  
 \* Lightweight structure





# PAD1826

## PAD1826 Technical Features

| Fibres per Tubes | Fibre Count | Nominal Diameter (mm) | Maximum Tensile Strength <sup>(1)</sup> (N) | Crush Resistance <sup>(2)</sup> (N/cm) | Minimum Bending Radius (mm) | Nominal Weight (kg/km) | Part Number G.657.A2 | Carbon Footprint <sup>(3)</sup> in (kgCO <sub>2</sub> eq/km cable) |
|------------------|-------------|-----------------------|---|--|-----------------------------|------------------------|----------------------|--|
| 12               | 12          | 6.75                  | 300   | 100                                    | 60                          | 33                     | N8740A*              | 122  |
|                  | 24          | 6.75                  | 300   | 100                                    | 60                          | 34                     | N8529A*              | 158  |
|                  |             | 8.5                   | 500   | 200                                    | 90                          | 64                     | N9198B               | 225  |
|                  | 36          | 6.75                  | 300   | 100                                    | 60                          | 36                     | N9726A*              | 194  |
|                  | 48          | 6.75                  | 300   | 100                                    | 60                          | 38                     | N8530A*              | 231  |
|                  |             | 8.5                   | 500   | 200                                    | 90                          | 66                     | N8199C               | 299  |
|                  | 72          | 8.5                   | 500   | 200                                    | 90                          | 69                     | N8655A               | 363  |
|                  | 96          | 8.5                   | 500   | 200                                    | 90                          | 89                     | N8532A               | 478  |
|                  | 144         | 10.5                  | 500   | 200                                    | 100                         | 95                     | N7984A               | 624  |
| 288              | 13.5        | 600                   | 200   | 130                                    | 140                         | N8028A                 | 1111                 |  |

- (1) MAT at 0,5% fibre elongation / 0,6% cable elongation  
 (2) reversible attenuation for this crush value  
 (3) according to PEP (Product Environmental Profile) methodology (PCR/PSR ed.3)  
 \* Lightweight structure

|                               |   |               |
|-------------------------------|---|---------------|
| Temperatures Performance      | Transport & storage   | -40 °C/+70 °C |
|                               | Installation  | -5 °C/+50 °C  |
|                               | Operation   | -15 °C/+60 °C |
| Marking                       | Year & week of production – ACOME H-PACE—Number and type of fibres— Fibre per tube— P/N - metrics |               |
| Standard Delivery Drum Length | 2000m   |               |

## Colour code

| Fibre          | 1         | 2         | 3         | 4         | 5         | 6         | 7         | 8         | 9         | 10        | 11        | 12        |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Standard ACOME | Red       | Blue      | Green     | Yellow    | Purple    | White     | Orange    | Grey      | Brown     | Black     | Turquoise | Pink      |
| Tube           | + 1 ring  | + 1 ring  | + 1 ring  | + 1 ring  | + 1 ring  | +1 ring   | + 1 ring  | + 1 ring  | +1 ring   | + 1 ring  | + 1 ring  | + 1 ring  |
|                | 13        | 14        | 15        | 16        | 17        | 18        | 19        | 20        | 21        | 22        | 23        | 24        |
|                | + 2 rings | + 2 rings | + 2 rings | + 2 rings | + 2 rings | + 2 rings | + 2 rings | + 2 rings | + 2 rings | + 2 rings | + 2 rings | + 2 rings |
|                | 25        | 26        | 27        | 28        | 29        | 30        | 31        | 32        | 33        | 34        | 35        | 36        |
|                | + 3 rings | + 3 rings | + 3 rings | + 3 rings | + 3 rings | + 3 rings | + 3 rings | + 3 rings | + 3 rings | + 3 rings | + 3 rings | + 3 rings |
|                | 37        | 38        | 39        | 40        | 41        | 42        | 43        | 44        | 45        | 46        | 47        | 48        |
| + 4 rings      | + 4 rings | + 4 rings | + 4 rings | + 4 rings | + 4 rings | + 4 rings | + 4 rings | + 4 rings | + 4 rings | + 4 rings | + 4 rings |           |

For other requirements (delivery length, colour code, additional technical information, carbon footprint etc. ), please contact us.



11/01/2024