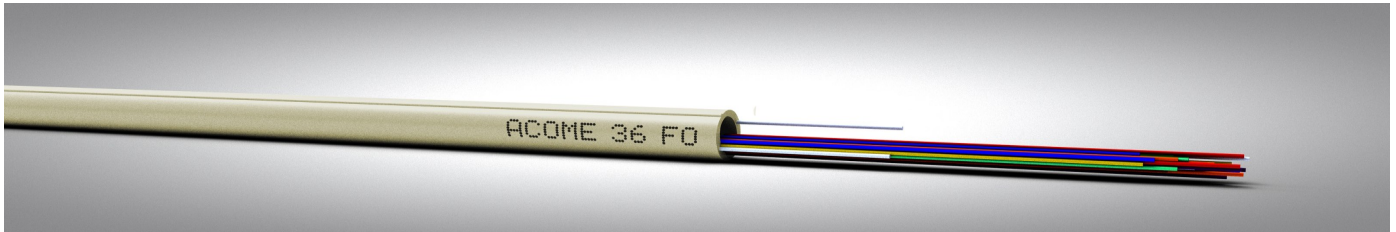


# PAD1826

## 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

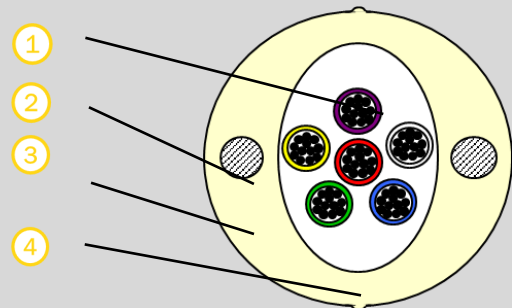
#### Cable protection on the drum

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](#)

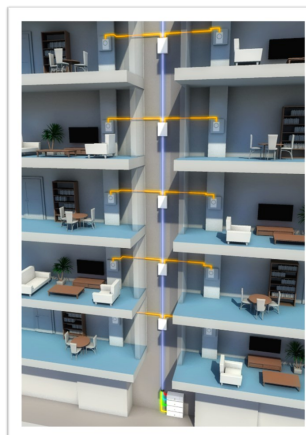
### Design



- 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



# 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



11/01/2024



# 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