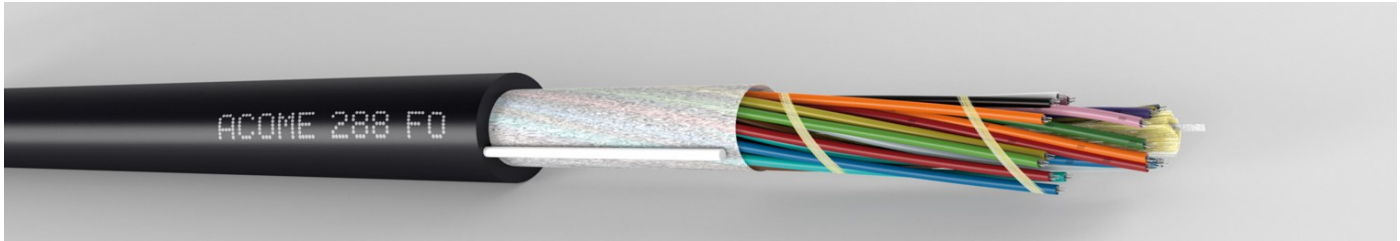


UND1537



Optical Fibre Cable for Overhead up 70 m span or Duct Installation Outdoor cable - Dielectric

From 6 to 288 fibres



Applications

ACOPTIC® is the brand name for ACOME Groups optical fibre cable solutions for telecom networks.

The **UND1537** range is the the solution for aerial, duct or facade installation for FTTx deployment.

These cables are suitable for both telephones and low voltage poles.

Spans up to 70 m are possible, depending on environmental conditions and installed with its dedicated anchoring and suspension clamps. Please refer to the ACOME installation sheets specific to each fibre count.

UND1537 cables are **compatible with various anchors on the market**, which must be qualified in advance.

Benefits

- Combines **compactness, lightness and robustness**
- Versatile: can be installed **overhead , facade and into duct**
- **Compact-Tube® technology** for tool-free access to the fibre and easy storage of the module in Connectivity.
- **Easy cable preparation** with no risk of kinking on Compact-Tube® optical elements (end or mid-span).
- Additional ACOREX® rodent protection option available

Standards

IEC/EN 60793 (fibre)

IEC/EN 60794-3-20 (cable)

Storage, packaging & installation

Cable protection

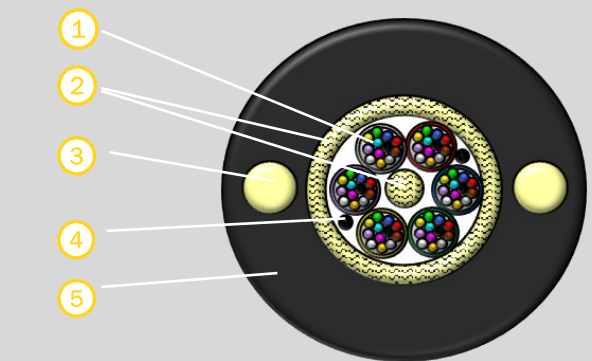
Cables are delivered with a covering for protection until they are required for installation.

Guideline access

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

Cable implementation sheet available under [APC UND Aerial](#)

Design



- 1 **Compact-tube®**: 12 optical fibres (or 6 f) with an easy access strippable sheath
- 2 **Aramid yarn**
- 3 **Strength members**: 2 peripheral FRP
- 4 **Watertightness**: Dry water-blocking elements
- 5 **Outer sheath**: Black High Density Polyethylene (HDPE)

Example: 72f- 12 fibres per tube

Compatibility aerial accessories :

Cables can be used with the following anchoring solutions :

- Wedge clamp



- Spiral dead-ends



Tests must be performed to ensure the cable/anchor pairing is compatible.

UND1537



UND1537 Technical Information

Fibre per tube	Fibre Count	Nominal Diameter (mm)	Maximum Tensile Strength ⁽¹⁾ (N)	Crush Resistance (N/cm)	Minimum Bending Radius (mm)	Nominal Weight (kg/km)	Part Number with G.657.A2	Part Number with G.652.D	Carbon Footprint ⁽²⁾ in (kgCO ₂ e/km cable)
6	6	6	650	200	45	30	H0338A	H0661A	117
	12	7.8	1100	200	59	50	H0341A	H0664A	197
	24	7.8	890	200	59	42	H0342A	H0665A	204
	36	7.8	940	200	59	44	H0343A	H0666A	243
	48	9.4	1180	200	71	56	H0344A	H0667A	309
	72	9.4	1300	200	71	60	H0345A	H0668A	380
	96	13.5	3200	200	101	105	H0346A	H0669A	672
	144	12.2	1950	200	92	92	H0347A	H0670A	706
12	12	6	650	200	45	30	H0340A	H0663A	134
	24	7.8	890	200	59	42	H0348A	H0671A	198
	36	7.8	910	200	59	43	H0349A	H0672A	234
	48	7.8	950	200	59	45	H0350A	H0673A	271
	72	9.4	1250	200	71	59	H0351A	H0674A	371
	96	11.3	2700	200	85	85	H0352A	H0675A	588
	144	11	1750	200	83	82	H0353A	H0676A	657
	288	13.7	3000	200	100	120	H0354A	H0677A	1196

(1) MAT at 0.3% fibre elongation / 0.5% cable elongation

(2) according to PEP (Product Environmental Profile) methodology (PCR/PSR ed.3)

Temperature Performance	Transport & storage	-40°C/+70°C
	Installation	-5°C/+50°C
	Operation	-40°C/+70°C
Marking	UND1537 AERIAL— Year / week of production - ACOME - Number and type of fibres - P/N - metrics	
Standard Delivery Drum Length	4000m	

Colour code

Fibre / Tube	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	Red +1 ring	Blue +1 ring	Green +1 ring	Yellow +1 ring	Purple+ 1 ring	White +1 ring	Orange+ 1 ring	Grey +1 ring	Brown +1 ring	Pale green +1 Ring	Turquoise +1 ring	Pink +1 ring

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

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