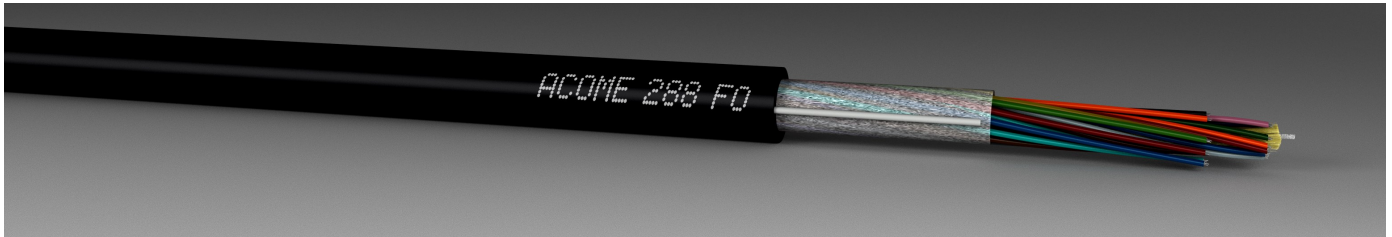


# UND1534



## Optical Fibre Cable for Overhead Installation up to 80m Span Outdoor cable - Dielectric

From 2 to 288 fibres



### Applications

ACOPTIC® is the brand name for ACOME Groups optical fibre cable solutions for telecom networks. The UND ranges are ACOME's distribution solutions for FTTH networks. The UND1534 range is the **overhead** solution to link central office to any part of its FTTH network:

- FTTH (Node)
- FTTC
- FTTH/P/H (Building/Premises/ House)

Allows **up to 80m span** (in defined weather condition and installed with its dedicated anchoring and suspension clamps).

**Blowing and pulling into ducts is also appropriate** thanks to its mechanical features.

### Benefits

- **Dielectric and dry water blocking**
- Combines compactness, lightness and robustness
- Versatile: can be installed **overhead 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

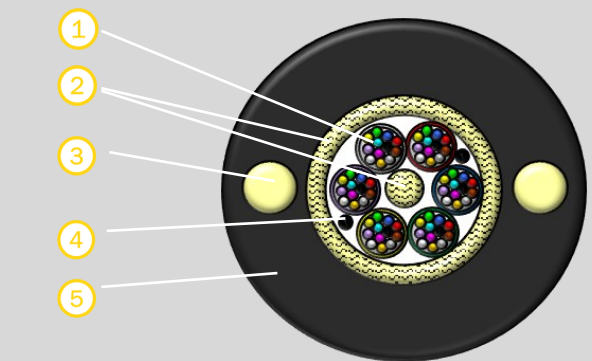
#### Cable protection

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** (from 48f)
- 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 couple is compatible.



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# UND1534



## UND1534 Technical Features

Fibre per tube	Fibre Count	Nominal Diameter (mm)	Maximum Tensile Strength <sup>(1)</sup> (N)	Crush Resistance (N/cm)	Minimum Bending Radius (mm)	Nominal Weight (kg/km)	Part Number with G.652.D	Part Number with G.657.A2	Carbon Footprint <sup>(2)</sup> in (kgCO <sub>2</sub> eq/km cable)
2	2 f	6.1	800	200	60	30	N7837A	N9702B	116
4	4 f	6.1	800	200	60	30	N7838A	N9407C	123
6	6 f	6.1	800	200	60	31	N7839A	N9239B	134
	12 f	7.8	1200	200	80	50	N9923A	N9238B	205
	24 f	9.4	1700	300	75	69	N9924A	N9297C	329
	36 f	9.4	1700	300	75	71	N9925A	N9920A	336
	48 f	10.7	2200	250	110	81	N9926A	N9666B	447
	72 f	12.0	2700	250	120	95	N9927A	N9665C	504
	96 f	13.5	3200	300	150	107	N9928A	N9921A	672
12	144 f	13.5	3200	300	150	114	N9929A	N9922A	807
	12 f	6.1	800	200	60	31	N7841A	N9076A	151
	24 f	8.3	1200	200	80	51	N8227A	N8867D	246
	36 f	8.3	1200	200	80	52	N8228A	N8868C	282
	48 f	9.4	2000	300	100	66	N9273A	N9385A	353
	72 f	10.7	2200	300	110	80	N9270A	N9386A	485
	96 f	11.3	2700	300	120	89	N9271A	N9387A	581
	144 f	11.3	2700	300	120	96	N9272A	N9388A	737
	288 f	14.6	3200	300	150	133	N9872A	N9873A	1272

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

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

<b>Temperature Performance</b>	Transport & storage	-40°C/+70°C
	Installation	-5°C/+50°C
	Operation	-40°C/+70°C
<b>Marking</b>	UND1534 AERIAL— Year / week of production - ACOME - Number and type of fibres - P/N - metrics	
<b>Standard Delivery Drum Length</b>	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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