

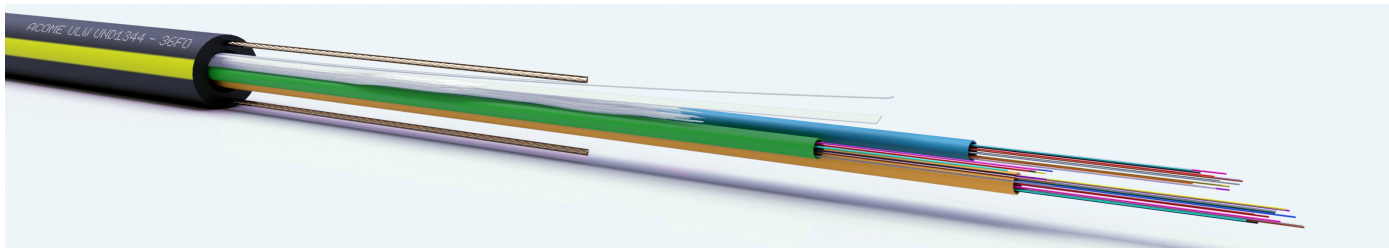
UND1344



Ultra Light Weight Optical Cable for Overhead Installation Ø 7 mm

Outdoor cable

From 1 to 96 fibres.



Applications

ACOPTIC® is the brand name for ACOME Groups' optical fibre telecom cables.

The UND1344 Ultra Light Weight overhead / duct range is designed with breaking load feature for aerial safety. Suitable for both distribution and drop installations, the UND1344 range supports a standard maximum span lengths of 68m for pole to pole and/or pole to premises.

Benefits

PIA approved from 1 to 96 fibres.

- Put an end to pass-through splices with **Nanomodule®**
- **Kink-free, tool-free and easy fibre access** modules (4 to 96f)
- **Low-gel Compact Tube®** technology (4 to 60f)
- **Gel-free Nanomodule®** technology (36 to 96f)
- **Compliant with field mounted connectors (1f)**

A clean, fast and **safe fibre access** brings time savings to your installations.

Standards

IEC/EN 60793 (fibre)
IEC/EN 60794-1 (cable)

Storage, packaging & installation

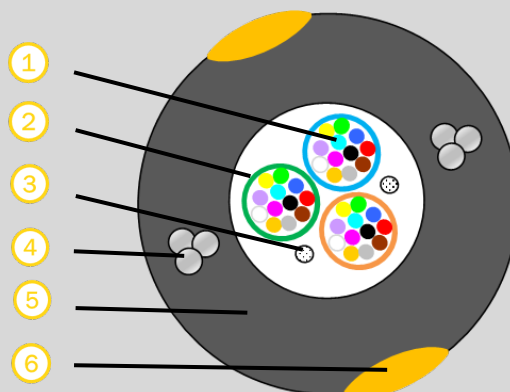
Cable protection

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](#).

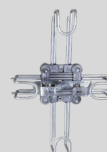
Design



- 1 200 or 250µm SM fibres (2D/A1/A2)
- 2 Bundle of 12 or less fibres : **Compact Tubes®** (4 to 60f), **Nanomodules®** (36 to 96f), **Semi-tight buffer (ST)** of 900µm (1f)
- 3 Watertightness, dry water blocking elements
- 4 Strength member
- 5 Outer sheath Polyethylene HD
- 6 External yellow strips

Compatibility aerial accessories :

ACOME overhead cables can be used with a set of standard accessories.



Malicoil



Anchor*



Stripper

Clamps

IC6016

Clamps for UN1344—ULW 6.8—7.2mm

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

UND1344



UND1344 Technical Information

Fibre per bundle	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.A1	Part Number with G.657.A2	Type of bundle
1	1 f	7.0	1 200	200	80	34	tbc	H0588x	900µm Semi-Tight buffer
4	4 f	7.0	1 200	200	80	34	H0147D	tbc	Compact Tube®
8	8 f	7.0	1 200	200	80	34	H0539x	tbc	Compact Tube®
12	12 f	7.0	1 200	200	80	34	H0148G	H0224B	Compact Tube®
12	24 f	7.0	1 200	200	80	36	H0189G	H0227B	Compact Tube®
12	36 f	7.0	1 200	200	80	37	H0149G H0742B	H0225B	Compact Tube® Nanomodules®
12	48 f	7.0	1 200	200	80	39	H0150G H0748B	H0226B	Compact Tube® Nanomodules®
12	60 f	7.0	1 200	200	80	40	H0485B	tbc	Compact Tube®
12	72 f	7.0	1 200	200	80	38	H0832A	H0557A	Nanomodules®
12	96 f	7.0	1 200	200	80	39	-	H0537C	Nanomodules®

(1) MAT at $\leq 0.667\%$ fibre elongation

(i) x Part Number suffix varies depending on cable marking and/or fibre/bundle colour code

Breaking Load		1 350–2 000 N
High Voltage test		Affords 11kV and 15kV high voltages environments
Temperatures Performance	Transport & storage	-40 °C/+70 °C
	Installation	-5 °C/+ 50 °C
	Operation	-40 °C/+70 °C
Marking		ULW OH Number of fibres OPTICAL FIBRE CABLE - ACOME - Year / week of production - P/N—metrics
Standard Delivery Drum Length		4000m

Colour code

Fibre / Bundle	1	2	3	4	5	6	7	8	9	10	11	12
EIA/TIA 598	Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Purple	Pink	Turquoise

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

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