

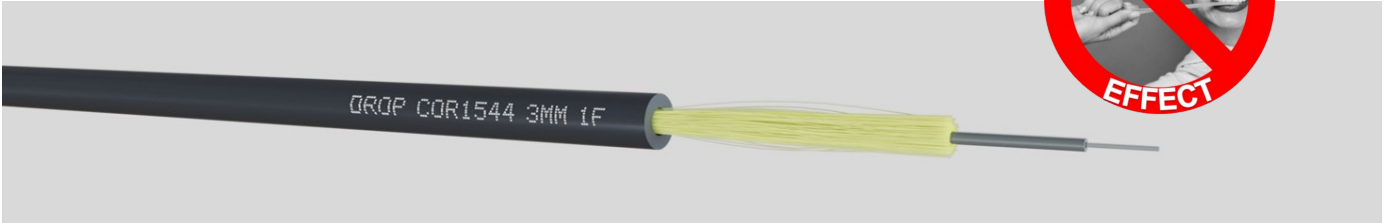
COR1544



Outdoor Optical Fibre Subscriber Cable Ø 3 mm

Outdoor - Dielectric

1 fibre



Applications

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

The COR1544 is a 3mm subscriber drop cables to connect the subscriber's home to the aerial optical connection point on poles. It is PIA approved with a breaking load under 2000N.

The COR1544 range, with its small diameter and light weight, is perfectly suited to connect individual subscribers' premise :

- **Overhead** (eligible up to 68m spans)
- **in congested ducts.**

Benefits

- **PIA Approved** cable for overhead SDU connection uses
- **Low wind exposure** thanks to a compact diameter (3mm)
- **Clean break** as no chewing-gum effect at breaking load

Standards

IEC/EN 60793 (fibre)

IEC/EN 60794-1-21 (Mechanical test)/22 (Environmental)

Storage, Packaging & Installation

Cable protection on the drum

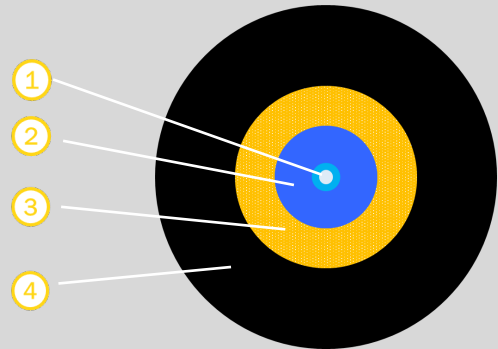
Cables are delivered with a covering for protection until they are required for installation.

Guidelines access

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



Design



- ① **Optical fibre:** 1 fibre 250 µm G.657.A2
- ② **Tube:** ZH⁽¹⁾ 900 µm tight buffer
- ③ **Strength members:** Water blocking aramid yarns
- ④ **Outer sheath:** TPU , UV stabilized

(1) Zero Halogen,

COR1544 Technical Information

Fibres per Tube	Cable Fibre Count	Nominal Diameter (mm)	MAT/W	Crush Resistance (N/cm)	Minimum Bending Radius (mm)	Nominal Weight (kg/km)	Part Number with G.657.A2	Maximum Admissible Attenuation N) ⁽²⁾
1	1 f	3.0	≥2,1	200	20	8.4	H0797A	450

(2) MAT at 0.6% fibre elongation

Temperature Performance	Transport & storage	-40 °C/+70 °C	Delivery Drum Lengths	4100m Drum
	Installation	-5 °C/+50 °C		
	Operation	-20 °C/+60 °C		

05/02/2025

