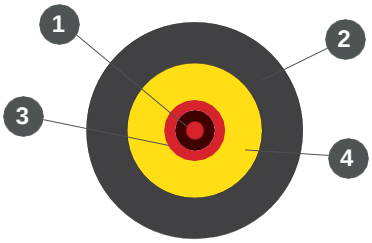
DATASHEET

DROPTIC® LM030PUK AERIAL DROP CABLE



LEGEND

1. Fibre
2. Outer sheath
3. Buffer
4. Aramid

The DROPTIC® LM030PUK optical cable enables effective FTTH deployments for connectivity applications within Single Dwelling Units (SDUs).

This drop cable has been especially designed for overhead installations (spans up to 70m) or for installing cable routes on facades. It can also be pulled into ducts on several hundred meters.

Thanks to its small diameter, the LM030PUK drop cable presents a good wind resistance. Its PUR outer sheath provides for improved mechanical performances, as well as for a good tensile strength.

PN	DESIGNATION	PACKG
9999	LM030PUK_1FO_G.657A2 /m	2000 meters drum*

**For other cable lengths, please contact us.*

FEATURES & BENEFITS

- Suitable with pre-connectorization
- PUR cable sheath: wear, tear and UV resistant
- High mechanical performances
- Integrated in a comprehensive FTTH solution including TELENCO® aerial & facade hardware and ELINE® transition box, customer terminal box (DTIO), fibre distribution box and optical telecommunications outlets

TECHNICAL CHARACTERISTICS

Fibre type	Compliant with ITU G657A2 or G657B3 recommendations
Fibre cores	1FO
Buffer	Loose buffer, 900µm
Outer diameter	3mm
Weight	8kg/km
Outer sheath material	Polyurethane (PUR)
Cable reinforcement	Aramid yarns
Marking	DROPTIC – LM030PUK 1FO G657A2 – batch number – metric Pitch: 2 meters Marking : yellow

MECHANICAL AND ENVIRONMENTAL PERFORMANCES

ITEM	TEST METHOD	PERFORMANCES
Tensile load	IEC 60794-1-2 – Method E1	300N
Anchoring resistance	XPC 93-850-3-22 (IEC 60794-1-2 E1 method with clamps)	800N, no cable sliding
Breaking load	XPC 93-850-3-22(IEC 60794-1-2 E1 method with clamps)	1200 < F < 1800 N with mini@ clamp.
Crush	IEC 60794-1-2 - Method E3	1000N / 100mm Reversibility checked at 2000 N
Kink	IEC 60794-1-2 - Method E11	R = 5mm
Bending	IEC 60794-1-2 - Method E10	R = 12.5mm
Temperature cycling	IEC 60794-1-22 - Method E3	-40°C / +70°C (storage) -20°C/+60°C (operation)

Telenco reserves the right to modify present characteristics without previous notice.