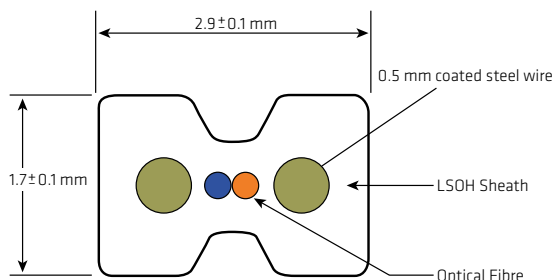


**MINIMAL SECTION PREMISE OPTICAL CABLE - TECHNICAL DATASHEET**

**FL@TCORE™**



Drawing not to scale.

**Cable description / Application**

Indoor drop optical fibre cable with steel wire reinforcement and LSOH sheath.

Designed to run from the distribution point to the subscriber, in both home and business premises.

**Approvals**

Approved for use in the Chorus network.

**Behaviour in flame and fire**

Flame resistant

**Temperature range**

Installation: -5 °C -> +60 °C

Transport & Storage: -40 °C -> +70 °C

Operation: -5 °C -> +60 °C

**Minimum bending radius**

Dynamic: 30 mm

Static: 15 mm

**Cable construction**

Number of Fibres: 2

Fibre type: G657A2

Strength member: 2 x 0.5 mm coated steel wires

Cable size (height x width in mm): 1.7 (±0.15) x 2.9 (±0.15)

Cable Weight (kg/km): 9

Max installation tension (N): 150

Sheath material: LSOH

Sheath Colour: White

**Identification**

Sheath Marking: Printed at 1 metre intervals as below:

PRYSMIAN xxxxx 2 FO BBXS DROP CABLE \*\*\*\*M

Where xxxxx = batch number

Fibre identification:

Fibre 1	Fibre 2
Blue	Orange

**Packaging**

500 m length packs easy to dispense with our "Reel in a box" technology.

**Main Characteristics**

Test	Standard	Value	Sanction*
Maximum Tension at installation (short term)	IEC 60794-1-2-E1	150 N	$\Delta\alpha \leq 0.1$ dB, No damage to the jacket
Crush	IEC 60794-1-2-E3	1000 N / 100 mm	$\Delta\alpha \leq 0.1$ dB, No damage to the jacket
Temperature range	IEC 60794-1-2-F1	-5 -> +60 °C	$\Delta\alpha \leq 0.2$ dB / km

\* Values for single-mode fibres, all optical measurements performed at 1550 nm.

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