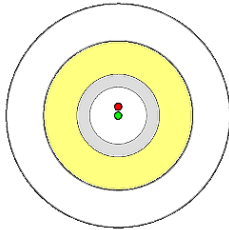


## Drop Cables for Indoor Installation

### TV04855



-not to scale-

#### Cable Design

According to IEC/EN 60794

- **Dry Loose Tubes:** thermoplastic material containing the optical fibers.
- **Peripheral Strength Elements:** aramid yarns.
- **Outer Sheath:** UV stabilized LSZH compound. One ripcord beneath.

#### Cable Application

These indoor optical fibre cables are optimized for FTTH networks. Please refer to our Installation Guides, please ask to our sales office.

#### Technical Data

No. of Fibres			1-2	
Cable Diameter, Ø	mm		4,2	
Cable Weight	kg/km		17	
Minimum Bending Radius	mm	Under Maximum Tension: 20 x Cable Ø	Without Tension: 10 x Cable Ø	
Temperature Range	°C	Transport & Storage: -40 → +70	Installation: -5 → +40	Operation: -5 → +60

#### Main Characteristics

Test	Standard	Specified Value	Acceptance Criteria
Max. Installation Tension	IEC 60794-1-21-E1	450 N	$\Delta\alpha$ reversible
Crush	IEC 60794-1-21-E3	800 N / 100 mm, max. 15 min	$\Delta\alpha$ reversible
Impact	IEC 60794-1-21-E4	2 Nm, 3 impacts, R= 300 mm	$\Delta\alpha$ reversible
Cable Bend	IEC 60794-1-21-E11	R=10x D, 4 turns, 3 cycles	$\Delta\alpha \leq 0.1$ dB
Temperature Cycling	IEC 60794-1-22-F1	-5 a +60°C	$\Delta\alpha \leq 0.05$ dB/km

#### Flame Resistance

EN 50399; Dca-s1a,d1,a1



#### Optical Characteristics

See the attached cabled optical fibre data sheet.

## Identification

### Fibre Colours <sup>(1)</sup>:

No.	1	2
Color	green	red

(1) Other colour set available upon agreement.

### Sheath colour:

The outer sheath colour is ivory.

### Sheath Marking <sup>(2)</sup>:

The outer sheath is marked in 1-meter intervals as follows:

**PRYSMIAN <year> KT <no. and type fo fibre> <CPR class> <ID cable> <Metric>**

(2) Customized marking available upon agreement.

## Logistic

**Packing:** Wooden drums.

**Delivery Lengths <sup>(4)</sup>:** Standard delivery lengths are 4 km with a tolerance of - 1% / + 3%.

(3) Other delivery lengths available upon agreement.

All optical measurements in accordance with ITU-T G650 recommendations

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