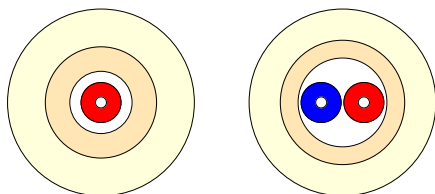


# FTTH Indoor Drop Cable with semi-tight BendBright<sup>XS</sup> Fibre, full dry, installation in buildings

## Cable Design

IEC/EN 60794



- not to scale -

**Semi-tight optical fibre:** coloured 900µ semi-tight buffered BendBright<sup>XS</sup> fibre. Easy strippable.

**Reinforcement and protection:** dielectric yarns.

**Outer Sheath:** LSZH-FR material.

Indoor installation up to the customer premises connection to the termination box. The fully dry design provides easier & faster installation without further cleaning.

## Technical data

# Fibres	≤	1 - 2		
Cable Diameter	mm	4.2		
Cable Weight	kg / km	18		
Max installation tension	daN	40		
Min. bending radius	mm	Without Tension: 20 mm		
Temperature range	°C	Installation -5 -> +60	Transport. & Storage -40 -> +70	Operation -30 -> +60

Please refer to our General Installation, Safety & Handling recommendations before handling.

## Main characteristics

Test	Standard	Value	Sanction*
Maximum Tension at installation (short term)	IEC 60794-1-2-E1	See above	Fibre strain ≤ 0.5%, Δα reversible
Crush	IEC 60794-1-2-E3	50 daN / 100 mm	Δα ≤ 0.1 dB
Impact	IEC 60794-1-2-E4	3Nm, 3 impacts, R=300mm	Δα reversible
Torsion	IEC 60794-1-2-E7	25N, 1m, +/- 180°, 20 cycles	Δα ≤ 0.1 dB
Cable kink	IEC 60794-1-2-E10	R=15mm	No kink
Cable bend	IEC 60794-1-2-E11B	R=20mm	Δα ≤ 0.1 dB
Temperature cycling	IEC 60794-1-2-F1	-30°C to +60°C	Δα ≤ 0.1 dB/km
Fire performance	IEC 60332-1-2 NFC 32070-C2		IEC 60332-1-2 NFC 32070-C2

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

## Optical Characteristics



See the attached cabled optical fibre data sheet C24



## Identification

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### Buffered Fibre Colours

No.	1	2
Colour	red	blue
		

### Sheath Colour:

The outer sheath colour is white.

### Sheath Marking:

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

<Manufacturer> <number of fibre> <length marking in meter>

## Logistic

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### Packing:

Wooden drums with protection.

### Delivery Lengths:

Standard delivery length is 2 km with a tolerance of - 1% / + 3%

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