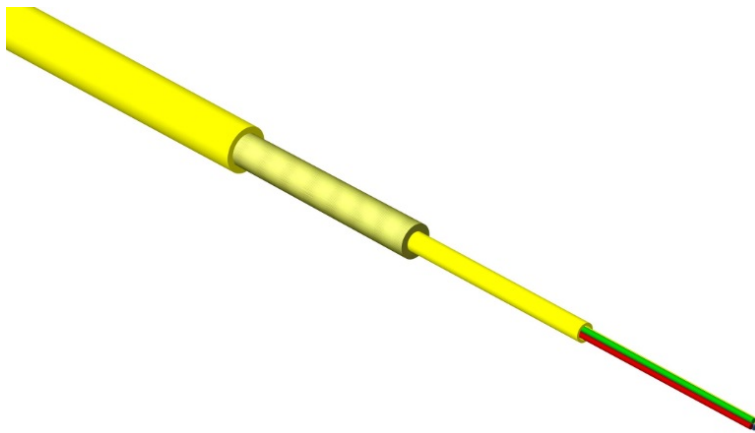


# FTTH Indoor Cable

NFC-100 Indoor Drop Cable up to 4 fibers – CPR B2ca



## Applications:

The FTTH indoor drop cable is ideally installed between the BEP (Building Entry Point) and the OTOs (Optical Termination Outlet) in the FTTH network.

## Standards

IEC 60794-1-2 F1	Temperature
IEC 60794-1-2 E1	Tensile Performance
IEC 60794-1-2 E3	Crush Resistance
IEC 60794-1-2 E4	Impact
IEC 60794-1-2 E6	Repeated Bending
IEC 60794-1-2 E7	Torsion
IEC 60794-1-2 E11	Bending

IEC 60754-1/-2	Zero Halogen,
EN 50267-1-2/-2-2	non-corrosive gases
VDE0482-267-2-1/-2-2	

IEC 60332-1-2	Flame retardant
EN 60332-1-2	
VDE0482-332-2-1	

IEC 61034-1/-2	Minimum smoke emission
EN 61034-1/-2	
(EN 50268-1/-2)	

Novobit's FTTH Indoor Drop Cable (in accordance to IEC 60794) is a soft, flexible and easy to strip cable with tight bending radius and very easy to handle.. CPR performance class B2ca-s1,d0,a1 with versions containing 1, 2 or 4 optical fibers in a single tube, jointly strain-relieved with aramid yarns. Additional protection is provided by the LSZH flame retardant cable jacket.

## Optical Properties

The cable is available with the following fiber types:

Singlemode	Multimode
- G652	- OM1
- G657.A1	- OM2
- G657.A2	- OM3
- G657.B3	- OM4
- G655	- OM5

## Temperature Properties

Installation	-20°C to +60 °C
Service	-20°C to +70 °C
Storage	-40°C to +85 °C

## Structure

- 0.9mm tube with up to 4 bare fibers (9/125/250)
- Aramid yarn
- LSZH jacket

## Specifications and Performance

#No. of fibers	1	2	4
Diameter [mm]		2.1	
Weight [kg/km]		4.0	
Bending radius [mm]			
- In service		30	
- Max tensile load		50	
Allowed tension [N]			
- In service		200	
- During installation		400	
Allowed crush, [N/dm]			
- Long term		1000	
- Short term		2000	

