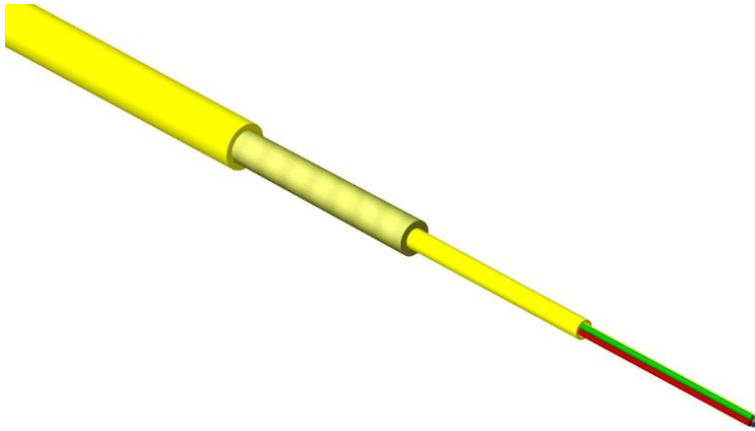


NFC09AL01 FTTH Indoor Cable

Indoor Drop Cable up to 24 fibers

B2ca

CONSTRUCTION PRODUCT REGULATION



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 is a soft, flexible and easy to strip cable with tight bending radius and very easy to handle. CPR performance class B2ca-s1a,d0,a1 with versions containing up to 24 * 250µm 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

- | | |
|-----------|-------|
| - G657.A1 | - OM2 |
| - G657.A2 | - OM3 |
| - G657.B3 | - OM4 |
| - G655 | - OM5 |

Temperature Properties

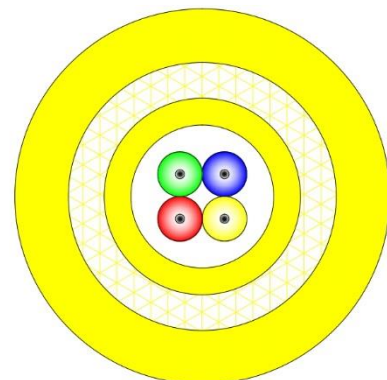
Installation	-20°C to +60 °C
Service	-20°C to +70 °C
Storage	-40°C to +85 °C

Structure

1. Upto 24 900µm tight buffer fibres
2. LSZH Loose tube
3. Aramid yarn
4. LSZH jacket

Specifications and Performance

#No. of fibers	1	2	4	8	12	24
Diameter [mm]		2.2			4.0	
Weight [kg/km]		4.0			15.8	
Bending radius [mm]						
- In service		20			35	
- Max tensile load		40			70	
Allowed tension [N]						
- In service		200			400	
- During installation		400			800	
Allowed crush, [N/dm]						
- Long term		1000			1500	
- Short term		2000			2800	



Variants

Part No.	Name	No. of tubes	No. of fibers	Diameter (mm)	Weight (kg/km)	Tensile (N)	Crush (N/dm)
NFC09AL01-F1	FTTH 1f	1	1	2.2	4.0	200	1000
NFC09AL01-F2	FTTH 2f	1	2	2.2	4.0	200	1000
NFC09AL01-F4	FTTH 4f	1	4	2.2	4.0	200	1000
NFC09AL01-F8	FTTH 8f	1	8	4.0	15.3	400	1500
NFC09AL01-F12	FTTH 12f	1	12	4.0	16.3	400	1500
NFC09AL01-F24	FTTH 24f	1	24	4.0	17.3	400	1500