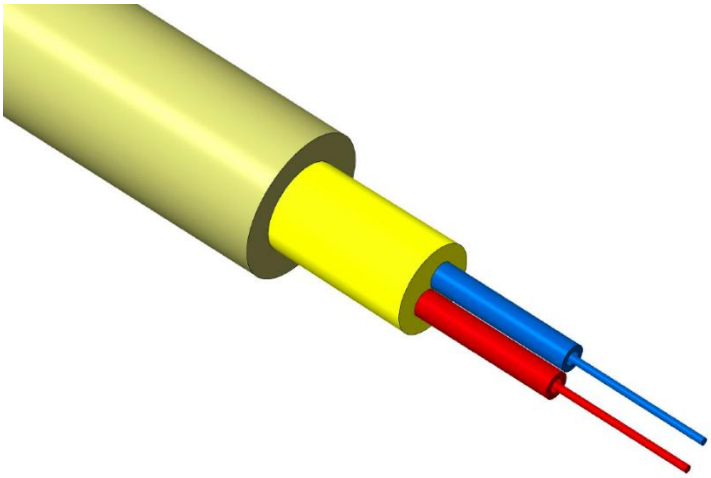
NFC09AL04 FTTH Indoor Cable

Indoor 2 Buffered Fibers



Novobit's 2 buffered fiber indoor cable is developed for fast FTTH indoor installation and designed for a long-term application in the field. The cable consists two buffered fibers 250µm / 900µm protected by an outer LSZH flame retardant sheath and aramid yarn for tensile strength.

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

Specifications and Performance

#No. of fibers	**1**
Diameter [mm]	4.0
Weight [kg/km]	25
Bending radius [mm]	
- In service	50
- Max tensile load	100
Allowed tension [N]	
- In service	400
- During installation	-
Allowed crush, [N/dm]	
- Long term	2000
- Short term	-

Applications:

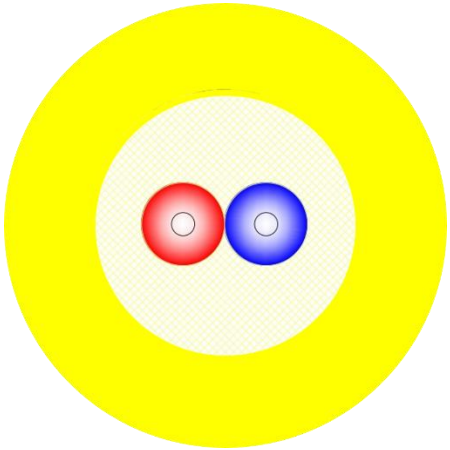
The FTTH indoor drop cable is ideally installed between the BEP (Building Entry Point) and the OTOs (Optical Termination Outlet) in the FTTH network.

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 EN 50267-1-2/-2-2 VDE0482-267-2-1/-2-2	Zero Halogen, non-corrosive gases
IEC 60332-1-2 EN 60332-1-2 VDE0482-332-2-1	Flame retardant
IEC 61034-1/-2 EN 61034-1/-2 (EN 50268-1/-2)	Minimum smoke emission

Structure

1. 2 Buffered fibres, 900µm (bl/rd)
2. Aramid yarn
3. LSZH jacket



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Variants

Part No.	Name	No. of fibers	Diameter (mm)	Weight (kg/km)	Tensile (N)	Crush (N/dm)
NFC09AL04-F2	FTTH Buffered 2f	2	4.0	25	400	2000