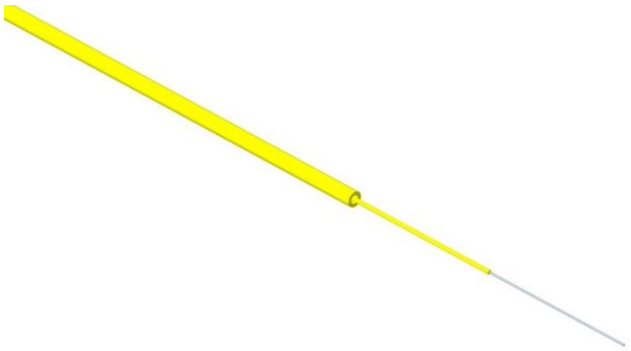
NFC01NL01 Semi-Tight Buffered Fiber

Fiber for Assemblies



Novobit's Semi-tight tubes (with diameters of 0.9 mm or 0.6 mm) are highly flexible and easy to strip (at least 1.5 m in one piece).

Applications:

Novobit's Semi-tight buffered fiber is designed for pigtail applications where one cable end is factory-connectorized and the other end is field terminated.

Novobit's SemiTight buffered fiber is designed for patch cables within distribution frames and termination boxes, where one or both ends of the cable are factory-connectorized.

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

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	-10°C to +50 °C
Service	-25°C to +70 °C
Storage	-25°C to +70 °C

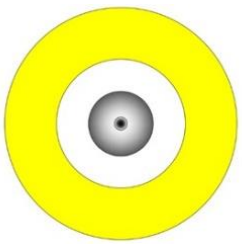
Specifications and Performance

Diameter [mm]	**0.9**	**0.6**
Weight [kg/km]	0.9	0.55
Bending radius [mm]		
- In service	25	25
- Max tensile load	25	45
Allowed tension [N]		
- In service	10	10
- During installation	20	20
Allowed crush, [N/dm]		
- Long term	500	250
- Short term	1000	500

Structure

1. Fiber core
2. Cladding
3. 250µm primary coating
4. thermoplastic buffer layer (Tight Buffered)
5. 600µm or 900µm jacket

Semi-Tight Buffered



Novobit AG

info@novobit.ch
www.novobit.ch

Variants

Part No.	Description	No. of tubes	No. of fibers	Diameter (mm)	Weight (kg/km)	Tensile (N)	Crush (N/dm)
NFC01NL01-0.6	Semi-tight, 0.6mm	1	1	0.6	0.55	10	250
NFC01NL01-0.9	Semi-tight, 0.9mm	1	1	0.9	0.9	10	500