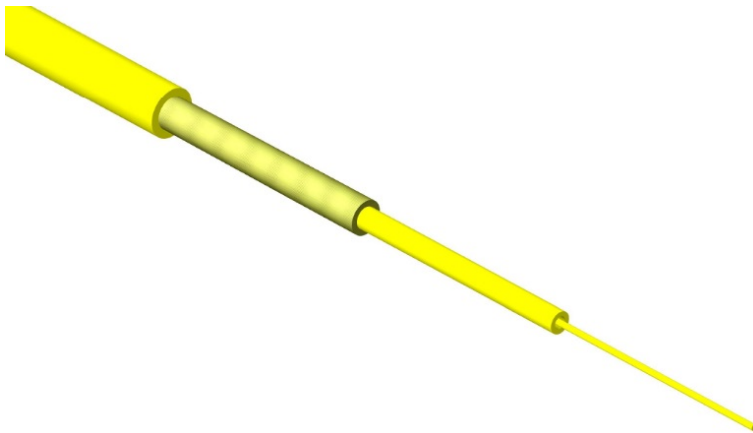


Simplex Cable

NFC-60 Simplex Fiber Optic Cable for Assemblies



Applications:

The Novobit Simplex cable is Ideal for fiber optic cable assemblies. Specially developed for easy stripping and handling, saving time during assembly. Excellent temperature stability for category U applications..

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 Simplex Cable is designed for pigtail and patchcord applications, available from 1.2mm up to 2.8mm in diameter and can be assembled with all available connectors. A tight-buffered (semi-tight buffered on request) fiber with a 0,9mm (0,6mm as option) outer diameter, aramid yarn for strain relief and a Low Smoke Zero Halogen (LSZH) 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	-10°C to +50 °C
Service	-25°C to +70 °C
Storage	-25°C to +70 °C

Structure

1. 900µm tight-buffered fiber
2. Aramid yarn
3. LSZH jacket

Specifications and Performance

Diameter [mm]	1.2	1.4	1.7	2.0	2.4	2.8
Weight [kg/km]	2.0	3.2	3.4	3.6	5.3	7.8
Bending radius [mm]						
- In service	12	14	17	20	24	28
- Max tensile load	24	28	34	40	48	56
Allowed tension [N]						
- In service	50	70	70	100	150	200
- During installation	75	100	100	150	200	250
Allowed crush, [N/dm]						
- Long term	200	500	750	1000	1000	1000
- Short term	500	2000	2500	3000	5000	5000

