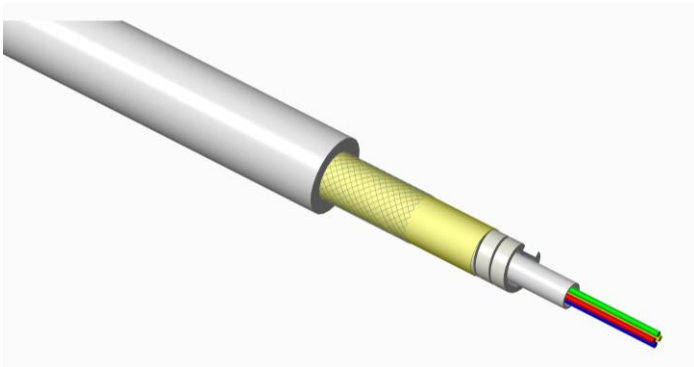


NFC09CL03 FTTH Cable

Armored Cable for Assemblies



Applications:

The Novobit Armored Simplex cable is ideal for harsh environment fiber optic cable installation. 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 Armored Cable with 2 or 4 fibers is designed for special patchcord or FTTH applications in harsh environment, available in 3,2mm diameter. A tight-buffered (semi-tight buffered on request) fiber with a 0,6mm outer diameter, protected by a spiral steel layer, strain relieved with aramid yarn and a second, metal braid, protection layer. The outer layer is a Low Smoke Zero Halogen (LSZH) jacket.

Optical Properties

The cable is standard available with the following fiber types:

Singlemode	Multimode
- G657.A1	- G657.A2
- G657.B3	

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]	3.2
Weight [kg/km]	19
Bending radius [mm]	
- In service	28
- Max tensile load	56
Allowed tension [N]	
- In service	400
- During installation	900
Allowed crush, [N/dm]	
- Long term	3000
- Short term	4000

Structure

1. 600µm tight-buffered fiber
2. Steelspiral
3. Aramid yarn
4. Metal braid
5. LSZH jacket

