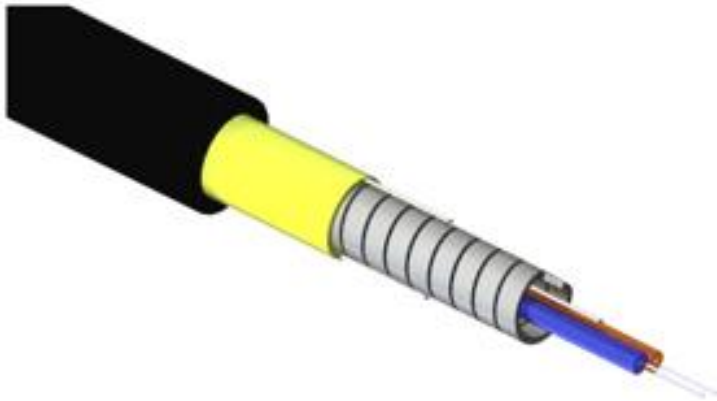


NFC12EU01 FTTA Universal Cable

FTTA Universal Armored Cable 2 fibers

B2ca

CONSTRUCTION PRODUCT REGULATION



Applications:

The NFC12EU01 Universal armored FTTA (Fiber to the Antenna) cables are developed to secure high reliability between the Baseband Unit (BBU) and the Remote Radio Unit (RRU).

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

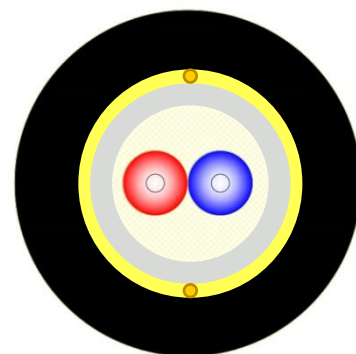
IEC 60754-1/-2	Zero Halogen,
EN 50267-1-2/-2-2	non-corrosive gases
VDE0482-267-2-1/-2-2	

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)	

Structure

1. 2 x 900µm tubes with 1 fiber each
2. Water blocking Aramid yarn
3. Steel Spiral
4. UV-resistant LSZH jacket



Novobit's 4.8mm armored FTTA cables, with a CPR class of performance B2ca-s2,d0,a1, have an outer jacket made from UV-resistant and flame retardant LSZH for both indoor and outdoor usage around a layer of aramid yarn (water blocking) and a steel spiral layer protecting the two fibers.

Optical Properties

The cable is available with the following fiber types:

Single mode	Multimode
- G652	- OM1
- G657.A1	- OM2
- G657.A2	- OM3
- G657.B3	- OM4
- G655	- OM5

Temperature Properties

Installation	-15°C to +60 °C
Service	-40°C to +75 °C
Storage	-40°C to +75 °C

Specifications and Performance

Yarn material	Aramid
Diameter [mm]	4.8
Weight [kg/km]	28
Bending radius [mm]	
- In service	100
- Max tensile load	140
Allowed tension [N]	
- In service	450
- During installation	500
Allowed crush, [N/dm]	
- Long term	2000
- Short term	3000

Variants

Articles	Name	No. of tubes	No. of fibers	Diameter (mm)	Weight (kg/km)	Tensile (N)	Crush (N/dm)
NFC12EU01-F2	FTTA Steel Spiral,2f	2	2	4.8	28	450	2000