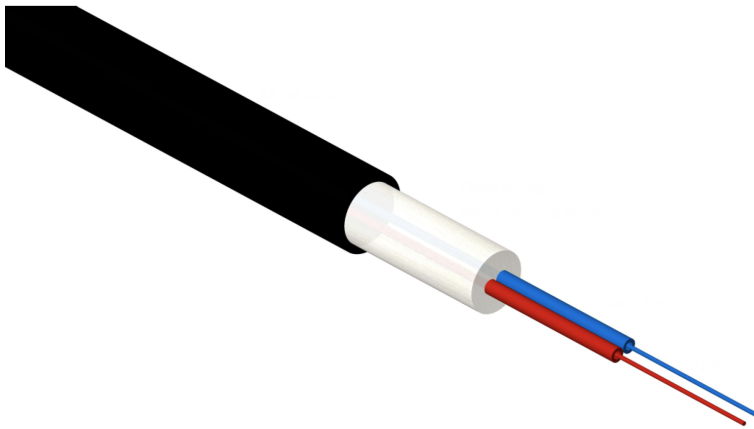


FTTA Universal Cable

NFC-223 FTTA Universal Cable 2 fibers



Applications:

The NFC-223 Universal 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. Glass roving or Aramid yarn
3. Water-blocking kevlar
4. UV-resistant LSZH jacket (1.2mm)

Developed in accordance with telecom equipment manufacturers requirements. Novobit's FTTA cables have an outer jacket made from UV-resistant and flame retardant LSZH for both indoor and outdoor usage. Around the fibers is a layer of aramid yarn or glass yarn and water blocking kevlar protecting the two fibers.

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

Specifications and Performance

Yarn material	Glass	Aramid
Diameter [mm]	4.8	4.8
Weight [kg/km]	25	19
Bending radius [mm]		
- In service	20	48
- Max tensile load	72	72
Allowed tension [N]		
- In service	500	300
- During installation	800	450
Allowed crush, [N/dm]		
- Short term	5000	3000

