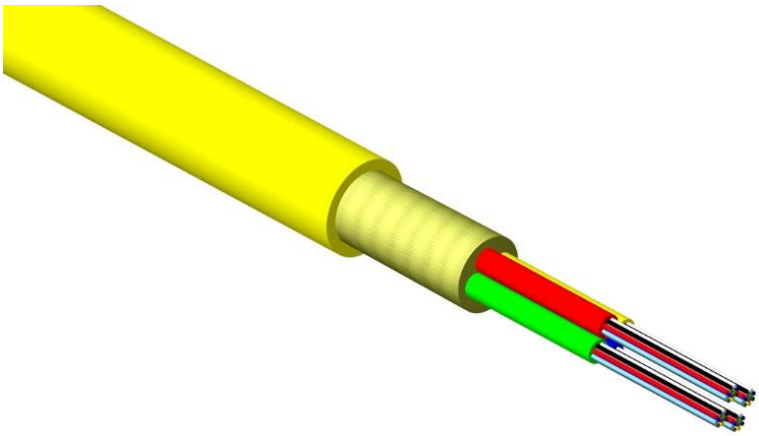
NFC06AL03 Micro Distribution Cable

Micro Distribution Cable up to 48 fibers

B2ca
CONSTRUCTION PRODUCT REGULATION



Novobit's Micro Distribution cable, with CPR class B2ca-s1,d0,a1, has a slim design of 7.0mm with up to 24 bare fibers in one dry loose tube (4 individual colored tubes for 48 fibers). The fibers are strain-relieved with aramid yarn and additional protection is provided by the outer 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	-20°C to +70 °C
Storage	-25°C to +70 °C

Specifications and Performance

#No. of fibers	36	48
Diameter [mm]	7.0	
Weight [kg/km]	28	
Bending radius [mm]		
- In service	80	
- Max tensile load	140	
Allowed tension [N]		
- In service	800	
- During installation	1000	
Allowed crush, [N/dm]		
- Long term	2000	
- Short term	3000	

Applications:

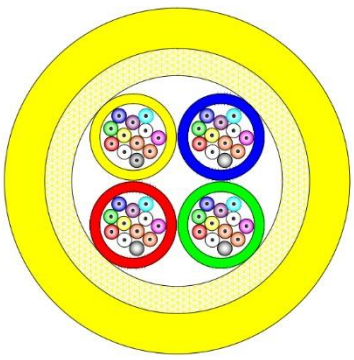
The Novobit Micro Distribution cable is ideal for fiber optic cable assemblies in Data Center environments. Specially developed for easy stripping and handling, saving time during assembly. Excellent temperature stability for category C applications.

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 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

Structure (up to 24 fibers)

1. 4 x 12 bare fibers in a tube
2. Aramid yarn
3. LSZH jacket



Novobit AG

Novobit reserves the right to change any specifications listed above.

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Variants

Part No.	Name	No. of tubes	No. of fibers	Diameter (mm)	Weight (kg/km)	Tensile (N)	Crush (N/dm)
NFC06AL03-36	MDC 36f	3	36	7.0	28	800	2000
NFC06AL03-48	MDC 48f	4	48	7.0	28	800	2000