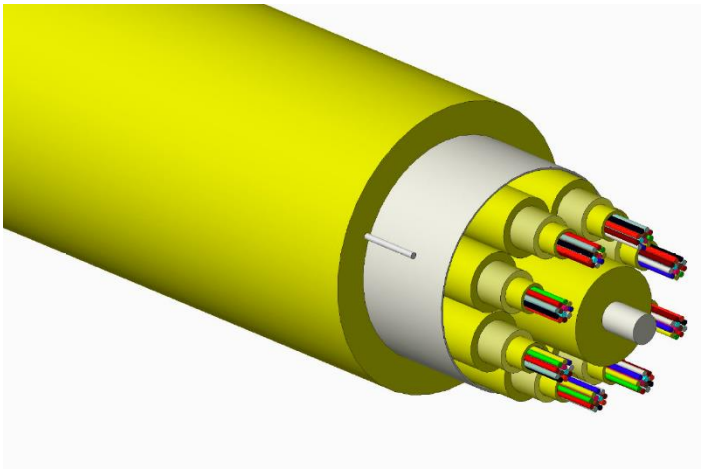


NFC06FL04 Micro Distribution Cable

Micro Distribution Cable up to 96 fibers



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	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 (96f.):

1. 12 250µm bare fibers in each 2.8mm tube
2. Aramid yarn
3. LSZH jacket
4. Ripcord
5. FRP Strength member

Novobit's Micro Distribution cable has a slim design of 9.0 – 13.5mm with up to 96 250µm bare fibers in one dry loose 2.8mm tube. 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:

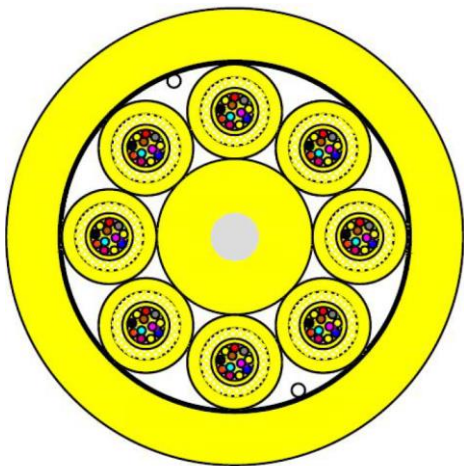
Singlemode	Multimode
- G652	- OM2
- G657.A1	- OM3
- G657.A2	- OM4
- G657.B3	- OM5

Temperature Properties

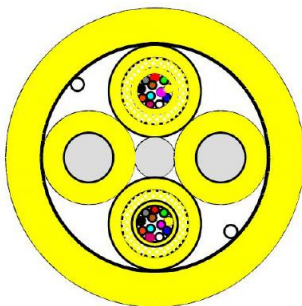
Installation	-10°C to +50 °C
Service	-20°C to +70 °C
Storage	-25°C to +70 °C

Specifications and Performance

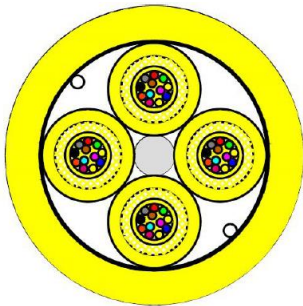
#No. of fibers	24	48	72	96
Diameter [mm]	9.0	9.0	11.0	13.5
Weight [kg/km]	75	75	115	180
Bending radius [mm]				
- In service	100	100	120	140
- Max tensile load	200	200	240	280
Allowed tension [N]				
- In service	260	500	750	1000
- During installation	520	1000	1500	2000
Allowed crush, [N/dm]			..	
- Long term	1200	1200	1200	1400
- Short term	3000	3000	3000	3000



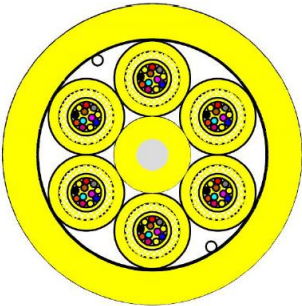
Variants:



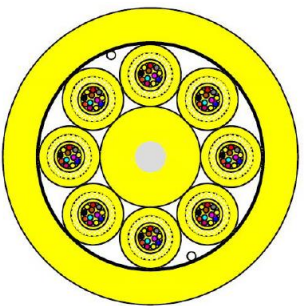
24 Fiber Cable



48 Fiber Cable



72 Fiber Cable



96 Fiber Cable

Part No.	Name	No. of tubes	No. of fibers	Diameter (mm)	Weight (kg/km)	Tensile (N)	Crush (N/dm)
NFC06FL04-24	MDC 2.8 24f	2+2	24	9.0	75	260	1200
NFC06FL04-48	MDC 2.8 48f	4	48	9.0	75	500	1200
NFC06FL04-72	MDC 2.8 72f	6	72	11.0	115	750	1200
NFC06FL04-96	MDC 2.8 96f	8	96	13.5	180	1000	1400