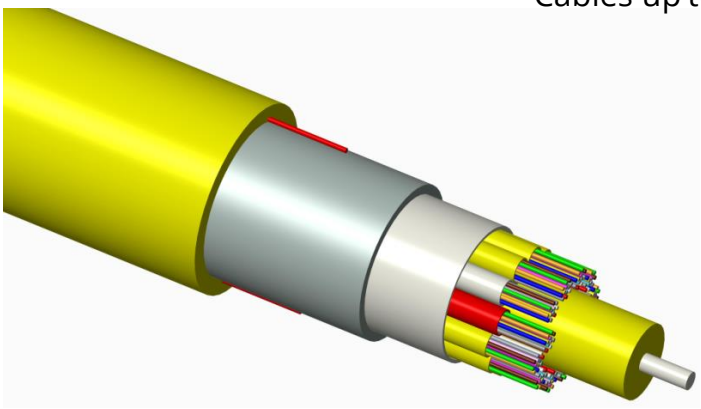
NFC05FL06 Micro Distribution LSFH Cable

Cables up to 144 fibers



Novobit's MicroBundle cable a robust design with up to 144 optical bare fibers in up to 12 subunits, each subunit of ø 1.6 mm contains 12 fibers in a dry loose tube and are stain-relieved with aramid yarn. Additional protection is provided by the outer 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	-15°C to +60 °C
Service	-20°C to +75 °C
Storage	-25°C to +75 °C

Applications:

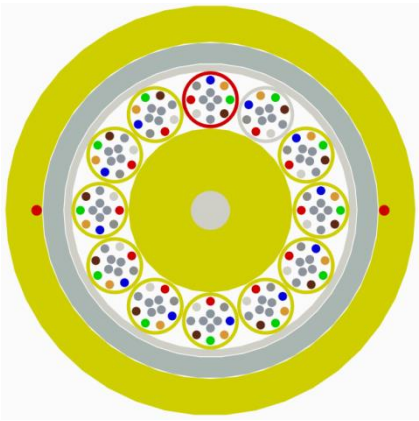
Indoor cable for the installation in cable ducts special for Data Centre. Suitable for assembly with fiber dividers, multifiber connectors and for splice cassettes.

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

1. Central Strength Member (FRP)
2. Up to 144 bare fibers (250) in 12 tubes
3. Aramid yarn
4. Subunit LSZH jacket ø 1.6 mm
5. Outer LSZH jacket



Novobit AG

Novobit reserves the right to change any specifications listed above.

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Variants

Par No.	No. of fibers	No. of sub cable	Fiber per sub cable	Diameter [mm]	Wall thickness [mm]	Weight [kg/km]	Fire load MJ/m	Bending radius [mm]	Allowed tension [N]	Allowed crush [N/dm]
NFC05FL06-F24	24	2	12	8.3	1	75	0.78	175	9000	5000
NFC05FL06-F36	36	3	12	8.3	1	75	0.78	175	9000	5000
NFC05FL06-F48	48	4	12	8.3	1	75	0.78	175	9000	5000
NFC05FL06-F60	60	5	12	8.3	1	75	0.78	175	9000	5000
NFC05FL06-F72	72	6	12	8.6	1	80	0.86	185	9000	5000
NFC05FL06-F96	96	8	12	9.9	1	105	1.09	205	9000	5000
NFC05FL06-F144	144	12	12	11.4	1	140	1.57	245	9000	5000