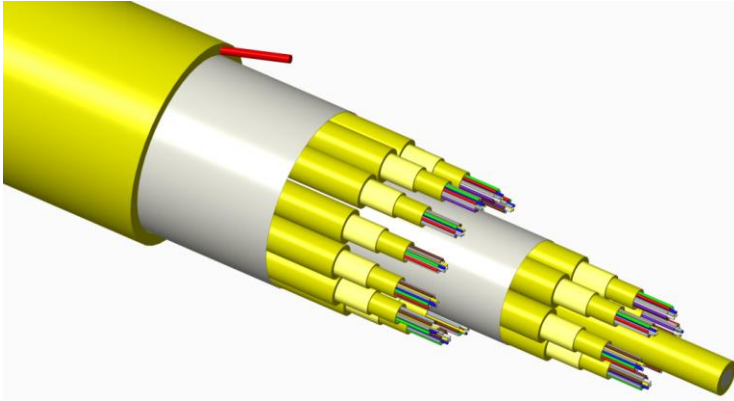


NFC05FL05 Micro Distribution LSFH Cable

Cables up to 192 fibers



Applications:

Indoor cable for the installation in cable ducts special for Data Center. 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	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)	

Novobit's Minicore cable a robust design with up to 192 optical bare fibers in up to 16 subunits, each subunit of $\varnothing$ 2.0 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:

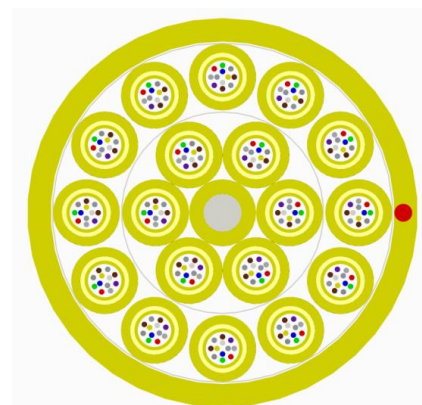
Singlemode	Multimode
- G652	- OM2
- G657.A1	- OM3
- G657.A2	- OM4
- G657.B3	- OM5

Temperature Properties

Installation	-15°C to +60 °C
Service	-20°C to +75 °C
Storage	-25°C to +75 °C

Structure

1. Central Strength Member (FRP)
2. Up to 192 bare fibers (250) in 16 tubes
3. Aramid yarn
4. Subunit LSZH jacket $\varnothing$ 2.0 mm
5. Outer LSZH jacket



Variants

Part No.	No. of fibers	No. of sub cables	Fibers per sub cable	Diameter [mm]	Wall thickness [mm]	Weight [kg/km]	Pull force max. [N]	Fire load [MJ/m]	Bending radius [mm]	Allowed tension [N]	Allowed crush [N/dm]
NFC05FL05-F16	16	2	8	7.0	1	53	300	0.89	180	3000	2000
NFC05FL05-F24.2	24	2	12	7.0	1	54	300	0.89	224	5000	3000
NFC05FL05-F24.3	24	3	8	7.0	1	51	300	0.85	224	5000	3000
NFC05FL05-F32	32	4	8	7.0	1	50	400	0.81	224	5000	3000
NFC05FL05-F36	36	3	12	7.0	1	52	300	0.85	224	5000	3000
NFC05FL05-F40	40	5	8	7.7	1	58	450	0.97	224	5000	3000
NFC05FL05-F48.4	48	4	12	7.0	1	51	400	0.81	224	5000	3000
NFC05FL05-F48.6	48	6	8	8.2	1	66	500	1.12	224	5000	3000
NFC05FL05-F60	60	5	12	7.7	1	60	450	0.97	224	5000	3000
NFC05FL05-F64	64	8	8	9.5	1	90	550	1.51	224	5000	3000
NFC05FL05-F72	72	6	12	8.2	1	68	500	1.12	224	5000	3000
NFC05FL05-F96	96	12	8	11.1	1	111	600	1.85	256	5000	3000
NFC05FL05-F98	98	8	12	9.5	1	92	550	1.51	256	5000	3000
NFC05FL05-F112	112	14	8	11.8	1	126	800	1.96	312	5000	3000
NFC05FL05-F128	128	16	8	11.8	1	122	800	1.93	312	5000	3000
NFC05FL05-F144	144	12	12	11.1	1	115	600	1.85	312	5000	3000
NFC05FL05-F168	168	14	12	11.8	1	130	800	1.96	312	5000	3000
NFC05FL05-F192	192	16	12	11.8	1	126	800	1.93	312	5000	3000