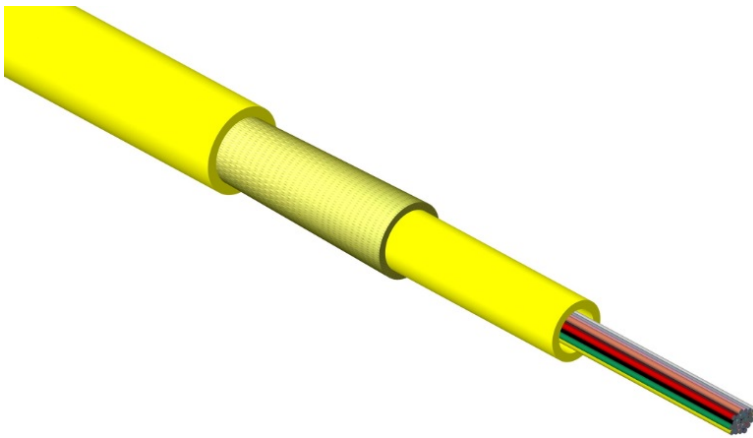


Fan-Out Cable

Fan-Out Cables up to 24 fibers – CPR B2ca



Applications:

The Novobit Fan-Out 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)	

Novobit's Fan-Out cable, with CPR class B2ca-s1,d0, has a slim design (from 2.2mm up to 4.0mm) with up to 24 bare fibers in one dry loose tube (optional with 2 tubes for 24 fiber). 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	4	8	12	24
Diameter [mm]	2.2		4.0	
Weight [kg/km]	4.5		16	
Bending radius [mm]				
- In service	35		50	
- Max tensile load	50		80	
Allowed tension [N]				
- In service	250		400	
- During installation	900		600	
Allowed crush, [N/dm]				
- Long term	1000		1500	
- Short term	3000		3000	

Structure (up to 24 fibers)

1. Up to 24 bare fibers
2. LSZH Loose tube
3. Aramid yarn
4. LSZH jacket

