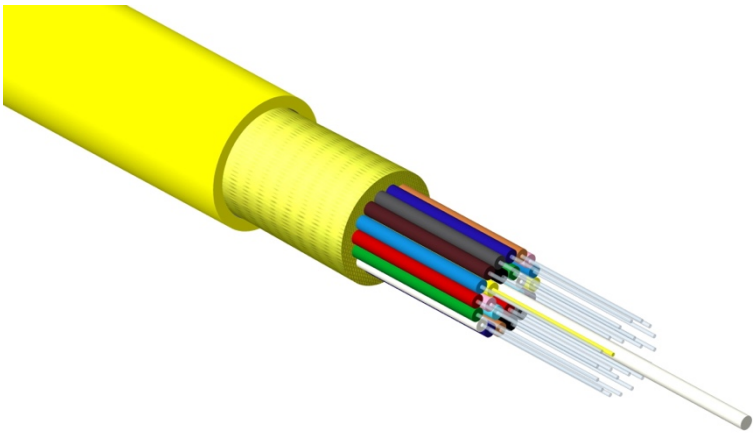
Riser Cable

NFC-520 Riser (Mini Break-Out) Cables up to 24 fibers – CPR B2ca



Novobit's Riser (Mini Break-Out) Cable with CPR class of performance B2ca-s1,d0,a1 is designed with a central strength element for vertical cabling. Its compact design makes it is easy to install, and where space is limited it is a perfect solution. The cables consist of up to 24 individually color coded fibers, surrounded by aramid yarn and a LSZH outer 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]	2.8	6.5	6.5	8.5
Weight [kg/km]	7.6	37	41	62
Bending radius [mm]				
- In service	50	60	70	100
- Max tensile load	100	120	130	130
Allowed tension [N]				
- In service	400	800	1000	1500
- During installation	1200	2400	3000	4500
Allowed crush, [N/dm]				
- Long term	3000	3000	3000	2000
- Short term	18000	18000	18000	15000

Applications:

The Novobit Riser (Mini Break-Out) cable is with its central strength element Ideal for FTTH vertical cabling and in central offices/data centers to connect network devices to optical distribution frames. 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

1. Central Strength Member
2. Up to 24 tubes with 1 tight buffer fiber
3. Aramid yarn
4. LSZH jacket

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