

**SMART∞ DROP**  
**FTTH DROP CABLE C<sub>ca s1d1a1</sub> (PROXIMUS APPROVED)**

The micro-module cable is dedicated to indoor cabling (stapling or bonding on plinths, laying in through micro-ducts...). With its reduced diameter it will fit most of customer's flat and allow discrete installation. Fiber management as well as fiber splicing, are easy thanks to the micro-sheath technology.

**Optical Fiber Technical Characteristic**

Mode Field Diameter	1310 nm	8,2~9,2 μm
	1550 nm	9,8 ± 0,5 μm
Cladding Diameter		125 ± 0,7 μm
Cladding Non-Circularity		≤ 0,7 %
Core-Cladding Concentricity Error		≤ 0,5 μm
Coating Diameter		245 ± 5 μm
Coating Non-Circularity		≤ 6,0 %
Cladding-Coating Concentricity Error		< 12,0 μm
Cable Cutoff Wavelength		λ <sub>cc</sub> ≤ 1260
Attenuation	1310 nm	≤ 0,4 dB/km
	1550 nm	≤ 0,3 dB/km
Macro-Bending Loss	1 turnx7,5 mm radius @ 1550 nm	≤ 0,5 dB
	1 turnx7,5 mm radius @ 1625 nm	≤ 1,0 dB

**Mechanical and Environmental Features**

Tension (Working)	200 N
Tension (Installation)	400 N
Crush (Working)	100 N/10cm
Crush (Installation)	500 N/10cm
Min. Bend Radius (Dynamic)	25D mm
Min. Bend Radius (Static)	10D mm
Installation Temperature	-10 +60 °C
Operating Temperature	-30 +60 °C
Storage Temperature	-40 +60 °C
Water Penetration	Sample length: 3m Time: 24H
Flame retardant performance standard	IEC60332-1 / IEC60332-3
UV: ISO 4892-2	

**Marking**

B-CABLES SMART∞LINE DROP CABLE 2 x FO G657A2 - CPR  
 Cca s1a1d1 DoP-BSYFD01C-XX DATE production batch code

**Cable Technical Characteristic**

Fiber count	2	
Tension (Max)	1500 N	
Crush (Max)	1000 N/cm	
Colored Coating Fiber	Diameter	ø 250 ± 15 μm
Micro Module	Diameter	ø 1.1 ± 0,2
	Material	LSZH
Strength member	Glass Yarn	
Outer Sheath	Material	LSZH
	Thickness	0,6 ± 0,1 mm
	Diameter	4,0 ± 0,2 mm
	Color	White

