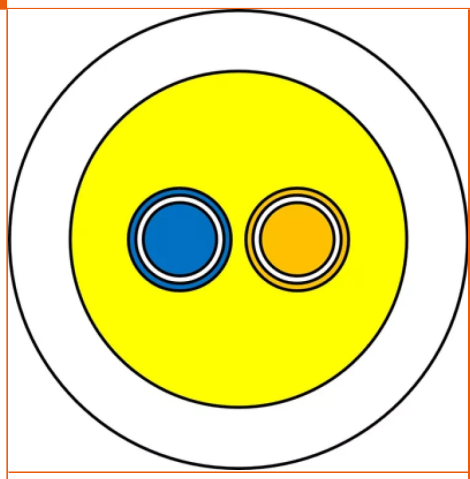
Pre-Connectorized Drop Cable (PCDC)

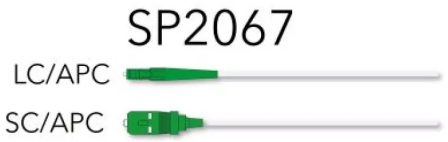
INDOOR (B2CA) SEMI TIGHT BUFFER



Aginode Ref: PCDCWxxxx - SP2067

This cable has a semi-tight buffered fiber, reinforced with aramid yarns and protected by a UV-stabilized white LSZH sheath, meeting CPR Class B2Ca fire performance standards.

This cable features a semi-tight buffer construction with a single bare optical fiber, providing a balance between flexibility and protection. It is available with 1, 2 or 4 buffered fibres. It is reinforced with aramid yarns for added tensile strength and covered with a white LSZH (low smoke zero halogen) outer sheath that is UV-stabilized for outdoor or exposed indoor use. The cable meets the high fire performance requirements of CPR Class B2Ca.



STANDARDS

IEC 60794
IEC 60793

Test Methods

All optical measurements at 1550 nm

Test	Conditions	Acceptance criteria
Tension Loading IEC 60794-1-21 E1	Tensile strength: 250N Sample length: ≥50 m, 1 min	Δα≤0.1dB
Crush/Compression IEC 60794-1-21 E3	Crush: 15Kg/cm, 1min Number of tests: 3, at least 20cm apart.	After test, Δα≤0.05dB No damage
Impact IEC 60794-1-21 E4	Impact energy:1Nm number of test: 3	After test, Δα≤0.05dB No damage
Torsion IEC 60794-1-21 E7	2m cable, ±180°	After test, Δα≤0.05dB No damage
Bending IEC 60794-1-21 E11A	10 turns, 5 cycles, R=10D	After test, Δα≤0.1dB No damage
Temperature cycling IEC 60794-1-22 F1	-5~+60°C, t1=180min, 2 cycles	Δα≤0.1dB/km

Indoor (B2Ca) semi tight buffer

Characteristics

结构特性	
颜色	白
连接器类型	SC/APC LC/APC
绝缘	是
光纤类型	SM (G657.A2)
外护套	低烟无卤
电缆类型	Indoor
尺寸特性	
近似重量	6 kg/km
Cable Diameter	2.8 mm
光纤数	1...4
机械特性	
耐压	15 kg/cm
最大拉力	Install 250 (service 70) N
传输特性	
最大插入损耗，dB	0.25 dB
插入损耗，典型值	0.12 dB
最小回波损耗，dB	65 dB
使用特性	
应用类型	Customer connection
Installation temperature, range	-5...60 (operation -5...60) °C
安装类型	室内
最小弯曲半径 - 工作	R=10D without tension mm
包装	PCDC packaging