

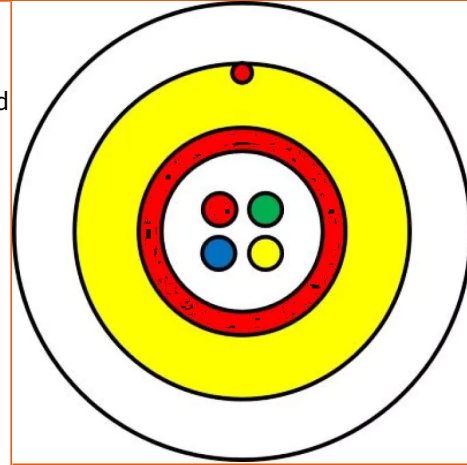
Pre-Connectorized Drop Cable (PCDC)

INDOOR (B2CA) TUBE WITH 1...4 OPTICAL FIBERS

Aginode Ref: PCDCYxxxx - SP2066

This LSZH cable contains 1 to 4 optical fibers, reinforced with aramid yarns and protected by a white LSZH sheath with an integrated ripcord for easy handling.

This cable consists of an LSZH tube containing 1 to 4 optical fibers, reinforced with aramid yarns for mechanical strength. It is protected by a white LSZH outer sheath, designed for indoor use, and includes a ripcord beneath the sheath for easy access during installation. The cable meets the high fire performance requirements of CPR Class B2Ca. It is available in different fibre color codes.



SP2066

LC/APC 

SC/APC 

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	$\Delta\alpha \leq 0.1\text{dB}$
Crush/Compression IEC 60794-1-21 E3	Crush: 15Kg/cm, 1min Number of tests: 3, at least 20cm apart.	After test, $\Delta\alpha \leq 0.05\text{dB}$ No damage
Impact IEC 60794-1-21 E4	Impact energy: 1Nm number of test: 3	After test, $\Delta\alpha \leq 0.05\text{dB}$ No damage
Torsion IEC 60794-1-21 E7	2m cable, $\pm 180^\circ$	After test, $\Delta\alpha \leq 0.05\text{dB}$ No damage
Bending IEC 60794-1-21 E11A	10 turns, 5 cycles, R=10D	After test, $\Delta\alpha \leq 0.1\text{dB}$ No damage
Temperature cycling IEC 60794-1-22 F1	-5~+60°C, t1=180min, 2 cycles	$\Delta\alpha \leq 0.1\text{dB/km}$

Indoor (B2Ca) tube with 1...4 optical fibers

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	2.3 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...50 (operation -10...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