

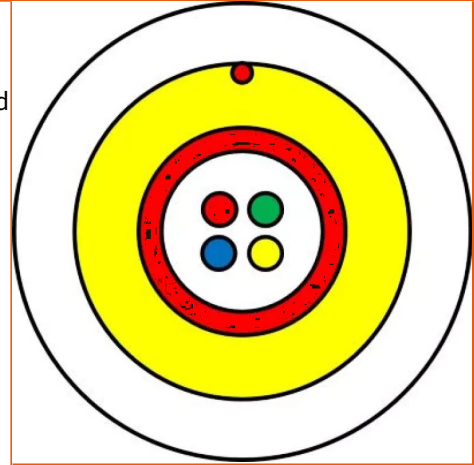
Pre-Connectorized Drop Cable (PCDC)

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

Eigenschaften

Konstruktionsmerkmale

Farbe	weiss
Verbindertyp	SC/APC LC/APC
dielektrisch	Yes
Fasertyp	SM (G657.A2)
Außenmantel	LSZH
Kabeltype	Indoor

Abmessungsmerkmale

Nettogewicht ca.	6 kg/km
Kabeldurchmesser	2.3 mm
Anzahl der optischen Fasern	1...4

Mechanische Eigenschaften

Querdruckwiderstand (EN 187 000)	15 kg/cm
Max. Zuglast	Install 250 (service 70) N

Übertragungseigenschaften

Insertion Loss, maximum, dB	0.25 dB
Insertion loss, typical value	0.12 dB
Rückflusdämpfung, max. dB	65 dB

Anwendungsmerkmale

Einsatzbereich	Customer connection
Umgebungstemperatur, Bereich	-5...50 (operation -10...60) °C
Art der Installation	Indoor
Minimaler Biegerradius - Installiert	R=10D without tension mm
Verpackung	PCDC packaging