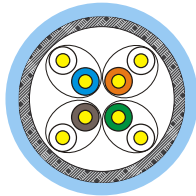
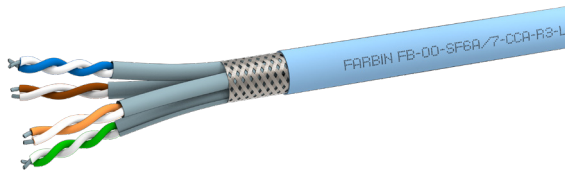


FB-00-SF6A/7-CCA-R3-LB

CPR Euro-Class Cca



SPECIFICATION SHEET



- White-Brown/Brown
- White-Blue/Blue
- White-Orange/Orange
- White-Green/Green
- Aluminum/Mylar
- Braid Shield
- Outer Jacket

Description

FARBIN FB-00-SF6A/7-CCA-R3-LB, 4-Pair S/FTP 600MHz Cat.6A extended to Cat.7 cable, 23AWG (~0.565) solid bare copper, Rip cord, LSFH Class Cca s1a, d1, a1 jacket, Light Blue color

Standards

- ANSI/TIA 568.2-D
- ISO/IEC 11801 Class Ea and Class F
- IEC 61156-5
- EN50173-1 and EN 50288-11-1
- Supports **IEEE 10GBASE-T**
- IEEE 802.3bt PoE Type 1, 2, 3 and 4 (100 watts max)
- Cisco UPoE (60 Watts), Cisco UPoE+ (90 Watts max)
- Power over HDBaseT™ PoH (95 Watts max)

Fire Standards

Classification/ Euro Class : EN 50575, EN 13501-6
CPR Rating **Cca s1a, d1, a1**

Flame Rating : IEC 60332-1-2

Flame Rating (Bundle Cables) : IEC 60332-3-24

Smoke Emission : EN 13501-6 (s1a)
EN 61034-2
Light transmittance ≥80%

Acid Gas Emission : IEC 60754 (a1)

FARBIN Category 6A S/FTP cable exceed performance ANSI/TIA-568.2-D and ISO/IEC 11801 class Ea component-rated standards.

Certified channel performance in a **4-connector** configuration up to 100m and exceeds category 6A and Class Ea standards beyond the 500MHz frequencies and up to **600MHz**.

The cable covered by a low smoke, Flame-retardant with **CPR Cca** (LSFH) rated outer jacket.

Key Features and Benefits

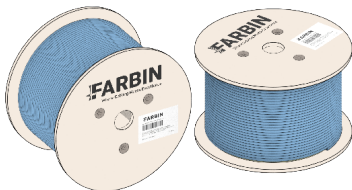
- 40% overall braided Shielding** and 4 Twisted pairs individually foil screened for improving mechanical robustness and excellent EMI immunity.
- Certified TCL & ELTCL Common Mode (CM) for running PoE+ and PoE++
- CPR Cca rated with FRNC & LSFH jacket

Physical Characteristics

Conductor	4-Pair solid bare copper
AWG (mm)	23 (0.565 ±0.005)
Insulation	PE (O.D: 1.330 ±0.05mm)
Inner Screen	Aluminum/Mylar (Foil screen)
Outer Screen	Tinned copper, Coverage: ≥40%
Jacket	External O.D: 7.6 ±0.5mm CPR Cca s1a, d1, a1 (FR-LSZH) Light Blue (PANTONE® 283C) Sequential marking at one meter

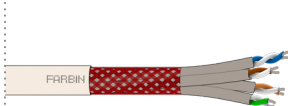
Mechanical Characteristics

Operating Temperature	Installation: 0°C to +50°C Operating: -20°C to +60°C
Max. Tensile	~11kg (110N)
Min. Bend Radius	8 x Outer Diameter (Installation) 4 x Outer Diameter (Operation)
NVP	74%



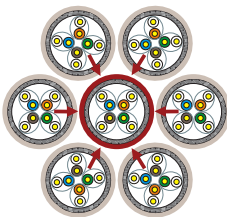
Packing

- Wooden Drum (305m ±1m)



40% Shield Coverage

- Designed to reduce external sources of noise (EMI/RFI)



Measured Alien crosstalk (AXT)

- PSANEXT and PSAACR-F is certified in worst-case scenario of 6-around-1 tight cable bundle by Fluke DSX CableAnalyzer™

The information contained in this document is valid and correct at the time of issue. FARBIN reserves the right to modify details without notice in light of subsequent standard/specification changes and ongoing technical developments.