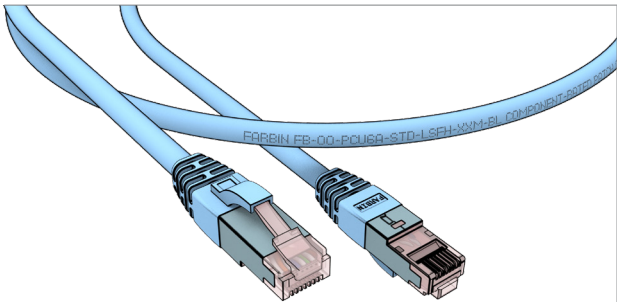


FB-00-PCSF6A-STD-LSFH-20M-LB

Cat.6A Component-rated Patch Cord



SPECIFICATION SHEET



Description

FARBIN FB-00-PCSF6A-STD-LSFH-20M-LB, S/FTP Cat.6A Patch cord with 26 AWG stranded copper, LSFH jacket, Light Blue color & 20 meter long

Standards & Applications

- ANSI/TIA-568.2-E Cat.6A
- ISO/IEC 11801-1 Class Ea
- EN 50173-1 Class Ea
- ANSI/TIA-1096-A compliant **50μ** of gold plating
- FRNC & LSFH Rated
- IEEE 802.3bt PoE Type 1, 2, 3, 4 (90 watts Max)
- Cisco UPOE, UPOE+ (90 watts Max)
- Power over HDBaseT™ PoH (90 watts Max)
- Maximum cable bundle for 90W is 100 cords
- Fully Ethernet support over 10Gbps and beyond

Mechanical Characteristics

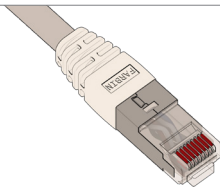
Operating Temperature Range	Storage: -20°C to +60°C Operating: -10°C to +50°C
Cable OD	6.0mm (±0.15mm)
Colors	Light Blue PANTONE® (283C)
Materials	26 AWG stranded conductor cable
Plug Materials	Polycarbonate 8-position, 8-contact plug, 94V-2 rated
Flame Rating	Smoke density acc. IEC 61034-2 Halogen-free acc. IEC 60754-2
Durability	1500 Mating cycles

FARBIN Cat.6A S/FTP; **Component-rated** patch cords shall be constructed of the 26 AWG bare copper stranded conductors shall be twisted in pairs with **individual foil and overall braided shield** and covered by Low smoke, **Flame-retardant** with **LSFH** outer jacket. A strain relief boot and high performance STP plug on each end.

Patch cords shall be wired to be compatible with both T-568A and T-568B wiring schemes.

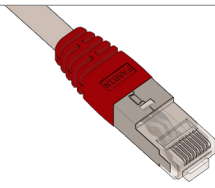
Key Features and Benefits

- Patch cords shall meet or exceed electrical transmission performance requirements of links and channels as described in ANSI/TIA-568.2-E (Cat.6A) and ISO/IEC 11801-1 (Class Ea) and EN 50173-1 (Class Ea) from 1 MHz to 500 MHz to support the IEEE 802.3an standard for **10 Gigabit Ethernet** over data twisted cable
- Each component-rated patch cord delivers **100% Performance tested** for Wire map, NEXT and Return-loss
- The patch cords provide **superior Alien crosstalk suppression** and protect critical data from EMI (Electromagnetic Interference) and RFI (Radio Frequency Interference)
- The patch cords are ideal for STP Cat.6A cabling system. It has been tested as part of FARBIN structured cabling system with electrical channel requirements of **4-connector** standard
- 26 AWG **Stranded conductors** for extended flex life
- ANSI/TIA channel performance limits total length of patching and equipment cords to 10 meters per ANSI/TIA-568.2-E or 21 meters in a MUTOA application
- A variety of colors for color coding or organization
- Interoperable and backward compatible
- Low profile boots for higher density connectivity



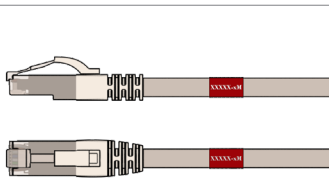
50μ Gold Plating

- Protect against the corrosion
- Stabling connection speed



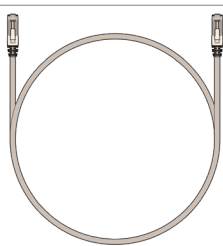
Semi-injection Boot

- Flexible and robust construction
- Improve Return-loss and NEXT



100% Factory Tested

- Unique tracing number
- Certified by FLUKE CableAnalyzer™



Delivery and Packing

- Variety of lengths and colors are available

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.