

GPLPCSF6AL

Patch Cord CAT 6A S-FTP 24 AWG LSOH

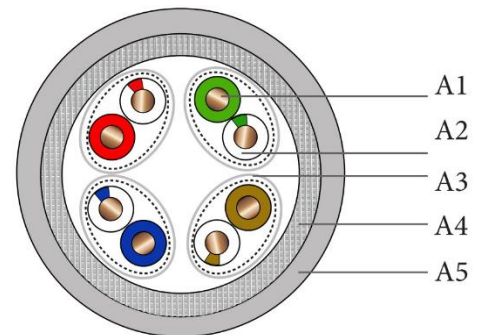
General standards

- Standards: ANSI/TIA/568.2-D IEC 61156-5 (ISO/IEC-11801 2.)



TECHNICAL SPECIFICATION

A1	Copper Conductor
A2	Copper Insulation
A3	Aluminum Foil
A4	Copper Braid
A5	Outer Jacket



PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Foam, 24AWG bare annealed copper
Conductor Size (mm)	7*0,16
Insulation	Polyolefin
Number of insulated conductors	8, twisted in 4 pairs.
Color Code of Pairs	Blue x White, Orange x White, Green x White, Brown x White.
Individual pair shield	Laminated aluminum foil (foil face outward) providing 100% coverage.
Drain wire	None
Overall Shield	Tin coated copper braid laid in close contact over the inner foils
Outer Jacket	LSOH Halogen free flame retardant



Standard Jacket Color	Gray, Orange, Yellow, Blue, Black, White, Red, Off White
Standard Surface Marking	Includes Fumo P/N, Patch Cord description,
Pulling force	50 N/mm ² max
Short Term Bend Radius	8xOD mm
Long Term Bend Radius	4xOD mm
Storage Temperature	-30 to +70C
Temperature operating range	IEC 60332-1

ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100±6 Ohm @ 1-500 MHz
DC Resistance	93 Ohm/Km max
Resistance unbalance	2% max.
Capacitance	45 pF/m nom. @ 1 KHz
Cap. Unbalance (wire to ground)	1500 pF/Km max @ 1 KHz
Voltage rating	72 Vdc max.
Dielectric strength	1500 Volt/1 minute min rms
Velocity of Propagation (NVP)	78-80%
Propagation Delay Skew	45 nS/100m max @ 1-500 MHz
Insulation Resistance	5000 MegaOhm•Km min. @ 500 Vdc
Coupling attenuation	50 mOhm/m max @ 1 MHz. 100 mOhm/m max @ 10 MHz. 200 mOhm/m max @ 30 MHz. 1000 mOhm/m max @ 100 MHz.

ORDERING INFORMATION

Fumo Product Number	Description	RJ Plug Description	RJ Plug	RJ Plug Color
GPLPCSF6AL	Patch Cord Cat6a S-FTP LSZH	Shell Plated Long Body	8P8C	Gold/Silver

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