



PC6A-LS508

CAT6A S/FTP 500MHz 4x2x26AWG Patch
Cord Low Smoke & Halogen Free

| Ethernet - RJ-45



Kramer's PC6A-LS508 CAT6A S/FTP patch cord is a high-quality LSHF 4x2x26AWG cable designed for LAN applications to ensure optimum performance

FEATURES

Quality Construction - 4 twisted pairs of 26AWG annealed bare copper, each individually screened and overall braided (S/FTP)

RJ-45 Connector - Slim snagless shielded RJ-45 connector, 50u gold plated contacts

Rated - Low Smoke & Halogen free rated

Varied Selection of Lengths - 0.15m to 30m (0.45 to 98ft)



TECHNICAL SPECIFICATIONS

CONSTRUCTION	Conductor Material: Annealed bare copper Conductor Diameter: $7/0.16 \pm 0.01\text{mm}$ Cable Size: 26AWG Insulation Material: Skin/Foam/Skin PE Insulation Diameter: $1.07 \pm 0.05\text{mm}$ Color Code: Blue/white blue, brown/white brown, orange/white orange, green/white green Sheath Material: LSHF Sheath Color: Blue RAL 5015 Sheath Diameter: $6.0 \pm 0.5\text{mm}$
SCREENING	Type: Aluminum poly laminate per pair
CONDUCTORS	Material: Tinned copper
ELECTRICAL	Impedance: 1–100MHz $100 \pm 15\Omega$ Impedance: 100–250MHz $100 \pm 22\Omega$ Impedance: 250–500MHz $100 \pm 25\Omega$ Max. Conductor DC Resistance: $<128\Omega/\text{km}$ Propagation Velocity: 76%
PHYSICAL	Mechanical Characteristics: Maximum pulling tension 100N, minimum bending radius 48mm Connector Type: Snagless shielded RJ-45 CAT6A Wiring: EIA/TIA 568B Contact Material: Bronze Contact Plating: Gold $50\mu\text{m}$ Over Molding: Blue, PVC
Environmental Conditions	Operating Temperature: $-15-60^{\circ}\text{C}$ Storage Temperature: Storage/Transport/Installation $0-50^{\circ}\text{C}$
REGULATORY	Compliant Standards - Electrical: UL Subject 444/CSA C22 No.214, CE, ISO/IEC 11801 Flammability: IEC 60332-1, IEC 60332-3, ICE 62321-1 Environmental: ANSI/TIA—568-C.2 Category 6A by Intertek Labs REACH, RoHS 2011/65/EU



CONFIGURATIONS

PC6A-LS508-1M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS508-2M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS508-3M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS508-4M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS508-5M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS508-7M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS508-10M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS508-15M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS508-30M	Slim CAT6A S/FTP patch cord cable-LSHF