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## 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)



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## TECHNICAL SPECIFICATIONS

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CONSTRUCTION	Conductor Material: Annealed bare copper Conductor Diameter: $7/0.16 \pm 0.01$ mm Cable Size: 26AWG Insulation Material: Skin/Foam/Skin PE Insulation Diameter: $1.07 \pm 0.05$ 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: $6.0 \pm 0.5$ 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 $\mu$ 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



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## CONFIGURATIONS

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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