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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<br>Conductor Diameter: $7/0.16 \pm 0.01$ mm<br>Cable Size: 26AWG<br>Insulation Material: Skin/Foam/Skin PE<br>Insulation Diameter: $1.07 \pm 0.05$ mm<br>Color Code: Blue/white blue, brown/white brown, orange/white orange, green/white green<br>Sheath Material: LSHF<br>Sheath Color: Blue RAL 5015<br>Sheath Diameter: $6.0 \pm 0.5$ mm |
| SCREENING                | Type: Aluminum poly laminate per pair   |
| CONDUCTORS               | Material: Tinned copper   |
| ELECTRICAL               | Impedance: 1–100MHz $100 \pm 15 \Omega$<br>Impedance: 100–250MHz $100 \pm 22 \Omega$<br>Impedance: 250–500MHz $100 \pm 25 \Omega$<br>Max. Conductor DC Resistance: $< 128 \Omega/\text{km}$<br>Propagation Velocity: 76%  |
| PHYSICAL                 | Mechanical Characteristics: Maximum pulling tension 100N, minimum bending radius 48mm<br>Connector Type: Snagless shielded RJ-45 CAT6A<br>Wiring: EIA/TIA 568B<br>Contact Material: Bronze<br>Contact Plating: Gold 50 $\mu$ m<br>Over Molding: Blue, PVC   |
| Environmental Conditions | Operating Temperature: $-15-60^{\circ}\text{C}$<br>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<br>Flammability: IEC 60332-1, IEC 60332-3, ICE 62321-1<br>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-LS508-0.15M | Slim CAT6A S/FTP patch cord cable-LSHF |
| PC6A-LS508-0.3M  | Slim CAT6A S/FTP patch cord cable-LSHF |
| PC6A-LS508-0.5M  | Slim CAT6A S/FTP patch cord cable-LSHF |
| 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-LS508-20M   | Slim CAT6A S/FTP patch cord cable-LSHF |
| PC6A-LS508-30M   | Slim CAT6A S/FTP patch cord cable-LSHF |