



kramer

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 ± 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 ± 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 μ 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-LS508-0.15M | 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 |