



# KRAMER

## PC6A-LS5

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

| Ethernet - RJ-45



Kramer's PC6A-LS5 CAT6A S/FTP patch cord is a high-quality LSHF 4x2x26 cable, designed for LAN applications to ensure optimum performance

## FEATURES

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

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

**Varied Selection of Lengths** - 0.5m to 30m (1.6 to 98ft)



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## TECHNICAL SPECIFICATIONS

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### CONSTRUCTION

Conductor Material: Annealed copper

Conductor Diameter:  $7 \times 0.16 \pm 0.01 \text{ mm}$

Insulation Material: Skin/foam/skin HDPE

Insulation Diameter:  $1.02 \pm 0.1 \text{ mm}$

Color Code: Blue/white blue, brown/white brown, orange/white orange, green/white green

Screening Material: Alu/PET per pair

Screening Coverage:  $>120\%$

Overall Braiding Material: Tinned copper

Braiding Coverage:  $40 \pm 5\%$

Sheath Material: LSHF

Sheath Color: Yellow RAL 1018

Sheath Diameter:  $6.0 \pm 0.20 \text{ mm}$

### ELECTRICAL

Impedance: 1–100MHz  $100 \pm 15 \Omega$ ,  
100–250MHz  $100 \pm 20 \Omega$ ,  
250–500MHz  $100 \pm 25 \Omega$

Max. Conductor DC Resistance:  $<158.8 \Omega/\text{km}$

Propagation Velocity: 76%

### PHYSICAL

Mechanical Characteristics: Bending radius – installed: 40mm, during installation: 50mm

Connector Type: Snagless shielded RJ-45 CAT5E

Wiring: EIA/TIA 568B

Contact Plating: Gold  $50 \mu\text{m}$

Overmolding: Black, soft PVC

### REGULATORY

Compliant Standards - Electrical: EIA/TIA 568B, ISO/IEC 11801

Flammability: IEC 60332-1, UL CM

Smoke Density: IEC 61034

Halogen Free: IEC 60754

Environmental: RoHS (2011/65/EU)



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## CONFIGURATIONS

PC6A-LS503-0.5M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS503-1M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS503-2M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS503-3M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS503-5M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS503-10M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS503-15M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS503-20M	Slim CAT6A S/FTP patch cord cable-LSHF
PC6A-LS503-30M	Slim CAT6A S/FTP patch cord cable-LSHF