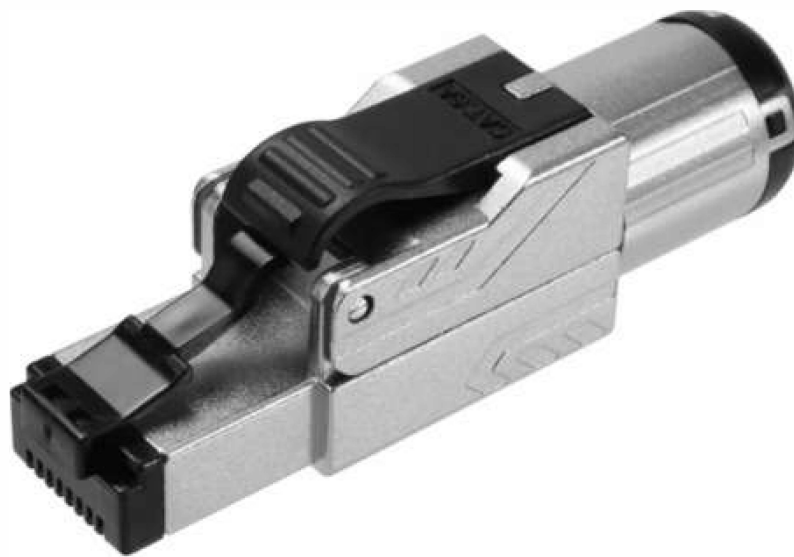


SCS6AS RJ45 plug, Field Terminable, STP, Category 6A, cable 9.5 mm

Field terminated plug RJ45, STP screened, SCS6AS, toolless.

AKLRJ456AS895, Rev.00/AP, Date 2026-09-29



Standards

IEC 60512-99-002 – IEEE 802.3bt Type 4 Class 8 – ANSI/TIA-568.2-E – ISO/IEC 11801 – IEC 60603-7-51 – EN 50173-1 – EN 50173-2 – ANSI/TIA-1096-A

Applications

1000BASE-T Gigabit Ethernet- 100BASE-TX Fast Ethernet- 10 Base-T Ethernet- 622Mbps ATM , 155Mbps ATM

Features

Fast, tool-less, reliable termination
Clear IDC termination colour coding
Suitable for foil and braided screened cables
Suitable for 10 Gigabit Ethernet application
Wiring Specifications T568A & T568B

Installation Features

Environment : office, residential, indoor use.
Store at : -10 to +70 °C
Install at : -10 to +70 °C
Operate at : -10 to +70 °C
Fitting : RJ45 only

[Download installation instructions.](#)

Design

Contact Pins (conductors) material: phosphor bronze with 100 microinches nickel plated
Gold Plating Thickness: 50 microinches
Height of 8P8C Contact Pins: 6.02 mm ± 0.13 mm
Housing Material: zinc die-casting with nickel plated
Housing Color: silver
Shielded: yes
Mating Cycles: 750 cycles
Re-installation Cycles (IDC): 20 cycles minimum
Cable OD Range: 6.5 to 8.0 mm or 8.0 to 9.5 mm (2 types of plug boots)
Cable Compatibility: 22 to 26 AWG solid and stranded cables
Operating Temperature: -10°C to 60°C (14°F to 140°F)

Electrical characteristics

Insulation resistance : 5000 MΩ min. @ 100V DC
Dielectric Strength : 1000 VDC, 1min.

Power Over Ethernet

Maximum Power from PSE: 90W
Maximum Power at PD: 71.3W
Number of Energized Pair: 4
Standards: IEEE 802.3bt Type 4 Class 8, IEC 60512-99-002:2022

Ordering and delivery information

P/N	Retail Packaging	Wholesale Packaging 1	Wholesale Packaging 2	Electric Number	GTIN
AKLRJ456AS895	1 pcs 120x80x9 mm 0,02 kg	50 pcs/box 230x230x70 mm 1,21 kg	500 pcs/box 480x395x250 mm 12,1 kg	7249385	6430081401122

[Edit](#)

Every effort has been put so that this document is most reliable and free from errors. However, FSM Oy cannot be considered responsible for any mistake in this document and users should consult FSM Oy for any information needed. FSM Oy reserves the right to make changes to the documents at any time, without prior notice.