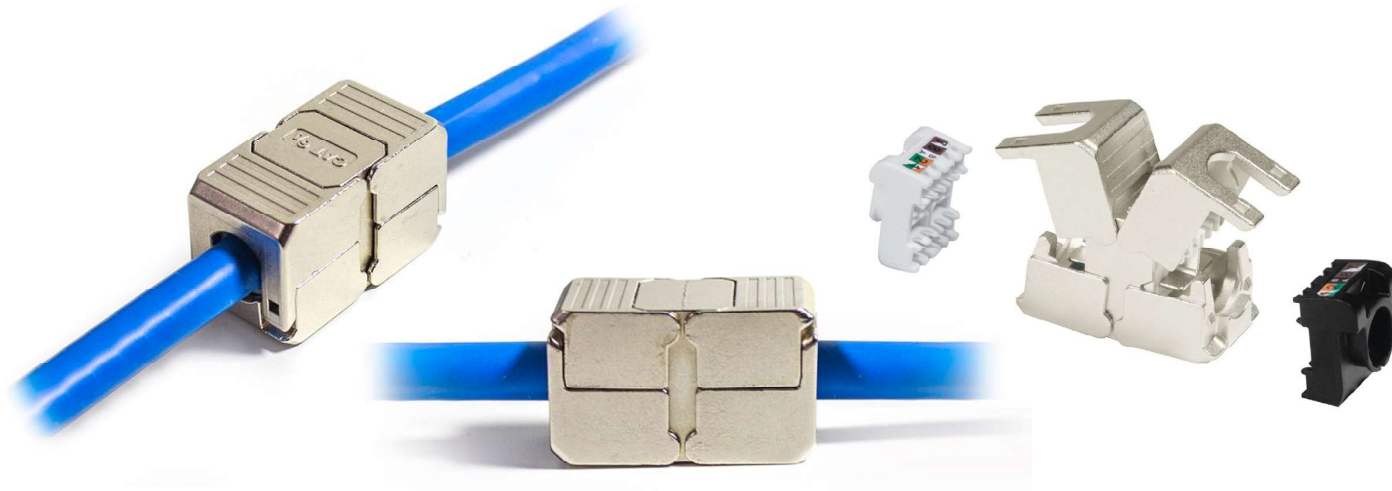# CAT6A SHIELDED IN-LINE COUPLER

PART NUMBER: C6A-SH-TCUP

DESCRIPTION

The Serveredge Cat6A Shielded In-Line Coupler protect critical data from EMI (electromagnetic interference) and RFI (radio frequency interference). This makes them ideal for use in health care, manufacturing, and other environments where EMI and RFI may be present.

They are designed to maximize your network performance. The fully shielded design provides minimal pair to pair cross talk and maximum immunity to noise at entire frequency range.

APPLICATION

- For Ethernet CAT 6A FTP solutions
- Provides either T568A or T568B wiring configuration
- Available in CAT 6 and CAT 6A performance levels
- Compatible with cable dimensions from 22-26AWG

PRODUCT FEATURES

- CAT 6A FTP toolless coupler
- Compatible with CAT 6A connecting hardware
- For connection of installation cable with patch cable for end-to-end links or for consolidation point applications
- Easy assembly without the need for special tools

STANDARDS

- UL 1863 safety listed
- ANSI/TIA-568.2-D
- ISO/IEC 11801

TRANSMISSION PERFORMANCE

Meet all requirements specified in channel requirement of ISO/IEC 11801-1, Class E_A ANSI/TIA-568.2-D Category 6A

ELECTRICAL PERFORMANCE

Electrical Insulation Resistance	500 MΩ min. @ 100V d.c.
Dielectic Withstanding Voltage	1000V d.c. or a.c. Peak; one contact to all other contacts connected together @ 60Hz for 1 minute, 1500V d.c. or a.c. peak; all contacts connected together to shield @ 60Hz for 1 minute

MECHANICAL PERFORMANCE

IDC Wire Gauge	22~24 AWG

PHYSICAL PERFORMANCE

Housing	Zinc-alloy fully shielded
IDC	Phosphor Bronze Alloy with 100 micro-inch 100% Sn Alloy

GUARANTEE/WARRANTY

Serveredge products are manufactured at the highest standards using highest quality materials at an affordable price. This Serveredge product comes with a 2 year warranty standalone or a 25 years warranty as part of a certified structured cabling project. Subject to Serveredge Terms and Conditions*