GIGANEED

TECHNICAL DATASHEET

CAT 8

SHIELDED JACK

Cat 8 shielded slim keystone jack

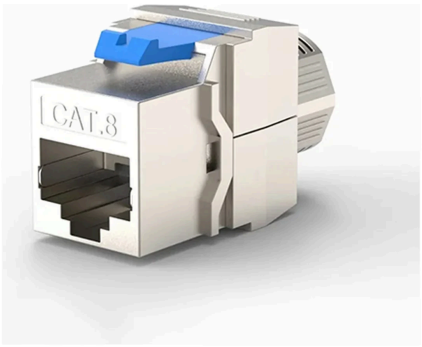
S/FTP tool-less RJ45 (RJ49 type) · up to 2,000 MHz

CABLE TODAY · WONDERFUL TOMORROW

Cat 8 | S/FTP shielded | Up to 2,000 MHz | 40GBASE-T | Tool-less | Zinc alloy body

OVERVIEW

The GIGA-C8-KEY-8 is the GigaNeed Cat 8 keystone jack: a slim, fully metallic S/FTP RJ45 jack (RJ49 type) rated up to 2,000 MHz for 25GBASE-T and 40GBASE-T links in data centres. Its fully shielded zinc-alloy body keeps the screen continuous, its contacts are gold-plated phosphor bronze, and it is terminated without special tools on solid 22–24 AWG conductors.



Product image for illustration.

KEY SPECIFICATIONS

Category	Cat 8, shielded (S/FTP)
Body	Fully shielded zinc alloy, metallic
Contacts material	Phosphor bronze, 50 µin gold over 100 µin nickel
IDC	Phosphor bronze with 10 % tin alloy
Conductor	Solid 22–24 AWG
Termination	110 IDC, tool-less
Frequency	Up to 2,000 MHz

MECHANICAL DATA

Operating	Insulation resist.	Retention	Durability
–10 °C to +60 °C	500 MΩ	50 N	≥ 750 cycles

STANDARDS

- ISO/IEC 11801 2nd edition
- ANSI/TIA/EIA-568-C.2-1
- EN 50288-3 · EN 50173:2002 · EN 50167 · EN 50169

APPLICATIONS

- 40GBASE-T and 25GBASE-T
- 10GBASE-T (10 Gbit/s)
- 1000BASE-T (Gigabit Ethernet)
- Data centre patch panels

PACKAGING

Reference	Type	Contact resist.	Wiring
GIGA-C8-KEY-8	S/FTP, 8 contacts, 110 IDC	20 mΩ (IDC 25 mΩ)	T568A or T568B

Specifications may change without notice. Ref. GIGA-C8-KEY-8.