

Han-Modular® Gigabit Cat 7_A Module



Pushing Performance



Description Links to Other Materials

Han-Modular® Gigabit Cat 7_A module is the next generation data transmission module capable of 1,000 MHz and 40,000 Mbit/s.

- [Gigabit Cat 7A Module Info](#)

Specs

- Transmission: Cat 7_A Class F_A up to 1,000 MHz
- Data Rate: 10, 100, 1000, 10000, and 40000 Mbit/s
- 10 Gbit Ethernet at 100 meters
- Number of Contacts: 8
- Rated Current: 5A
- Rated Voltage: 50A
- Rated Impulse Voltage: 0.8 kV
- Termination Method: Crimp

Markets

- Transportation
- Datacenters
- Automation
- Robotics

Applications

- Bandwidth intensive applications
- Backbone connections between servers within a data center
 - High-speed interconnect used for data transfers within a network

Feature	Advantage	Benefit
---------	-----------	---------

■ Shielding bus separate from housing potential	■ Allows signal isolation and mitigates signal cross-talk	■ Signal integrity - Achieve Cat 7 _A speeds
■ 10 Gbit/s up to 1000 MHz	■ Able to achieve Cat 7 _A category transmission speeds and data rates signals	■ Ideal for transmission of sensitive data
■ Single slot module with GND-shield option	■ Small profile allows for compact designs	■ Space saving and cost saving