CONNECTIVITY & PATCHING • ENTERPRISE DISTRIBUTION

GIGA-C8-CON-8

RJ45 male connector Cat 8 shielded tool-less

The GigaNeed GIGA-C8-CON-8 is a male RJ45 Cat 8 connector, mounted without tools on the cable: to make cords or directly connect equipment.



Enterprise Structured Cabling GIGA-C8-CON-8

- ✓ 1U 24-Port High-Density Design
- ✓ Dual Universal Wiring Label
- ✓ 360-Degree Shielding & Grounding
- ✓ Gas-Tight IDC Contact Blocks

Cat 8	Armored	Without clamps	By 10
CATEGORY	METALLIC BODY	TOOL-LESS	PACKAGING

KEY FEATURES & DESIGN ADVANTAGES

Engineered for high-availability enterprise networks

1U 24-Port High-Density Design
Compact 19-inch rack-mount footprint maximizes port density in server racks and wall-mount consolidation points.

360-Degree Shielding & Grounding
Full metallic rear shielding and integral grounding bar provide continuous drain wire earthing and EMI containment.

Dual Universal Wiring Label
Color-coded wiring blocks clearly identify both T568A and T568B pinout configurations for error-free punchdown.

Gas-Tight IDC Contact Blocks
High-reliability dual-block IDC terminals accept 22 to 26 AWG solid copper conductors with long-term retention force.

Integrated Cable Strain Relief
Detachable rear cable management bar with tie-wrap anchors prevents conductor stress and bend radius violations.

Category Component-Level Certified
Guaranteed backward compatible and certified for high-power Type 4 PoE++ (IEEE 802.3bt, 90W) applications.

SUPPORTED APPLICATIONS & NETWORK PROTOCOLS

Enterprise Infrastructure Compliance

- **19-Inch Rack Patching:** Standard 1U/2U distribution panels for high-density racks.
- **Keystone Jack Integration:** Toolless modular termination for fast on-site punchdown.
- **Shielded & Unshielded:** 360-degree grounding clamp for superior EMI/RFI immunity.
- **High-Power PoE++:** 50µ gold plated contacts rated for IEEE 802.3bt without spark gap.
- **Consolidation Points:** Clean horizontal cross-connects in enterprise ceilings/floors.
- **Industrial DIN Rail:** Compact DIN rail enclosures for automation cabinets.

STANDARDS & NORMS: ISO/IEC 11801 | ANSI/TIA-568-C.2 | IEC 60603-7 | IEEE 802.3bt | RoHS • REACH

PHYSICAL & CONSTRUCTION DATA

Category	Cat 8
Type	male RJ45 connector
Shielding	Armored
Product Range	GigaNeed Enterprise Infrastructure
Design Standard	ISO/IEC 11801
Quality Verification	100% Component Tested
Warranty Coverage	25-Year System Guarantee

ELECTRICAL, OPTICAL & OPERATIONAL DATA

Configuration	Tool-less (without clamps)
Packaging	By 10
Operating Temperature	-10 °C to +60 °C
Storage Temperature	-20 °C to +75 °C
RoHS Directive	2011/65/EU Compliant
Manufacturing Standard	ISO 9001 Certified Facilities

AVAILABLE REFERENCES

Model
RJ45 male Cat 8 armored, tool-less

PART NUMBER	PRODUCT DESCRIPTION	CATEGORY	PACKAGING	STATUS
GIGA-C8-CON-8	RJ45 male connector Cat 8 shielded tool-less	Connectivity & Patching	By 10	Standard Stock

GIGANEED QUALITY ASSURANCE & 25-YEAR SYSTEM WARRANTY

Every GigaNeed component undergoes rigorous quality control and transmission testing in ISO 9001-certified facilities. When deployed as part of an end-to-end GigaNeed structured cabling channel with approved connectivity by certified installers, this product is backed by GigaNeed's comprehensive 25-year system warranty.

100% TESTED | 25-YEAR WARRANTY | RoHS COMPLIANT