

✗ Fully screened Category 8

✗ Die-cast zinc alloy construction

✗ Toolless easy termination

✗ Supports 25-40 Gigabit Ethernet

✗ RoHS, Reach/SVHC compliant

Product Overview

The Excel Category 8 screened field termination RJ45 plug offers easy, toolless termination and complies fully with ISO/IEC 11801, ANSI/TIA-568-C.2, Category 8 standards. It offers a fully shielded die-cast zinc alloy, nickel plated body and gold plated phosphor bronze contact pins.

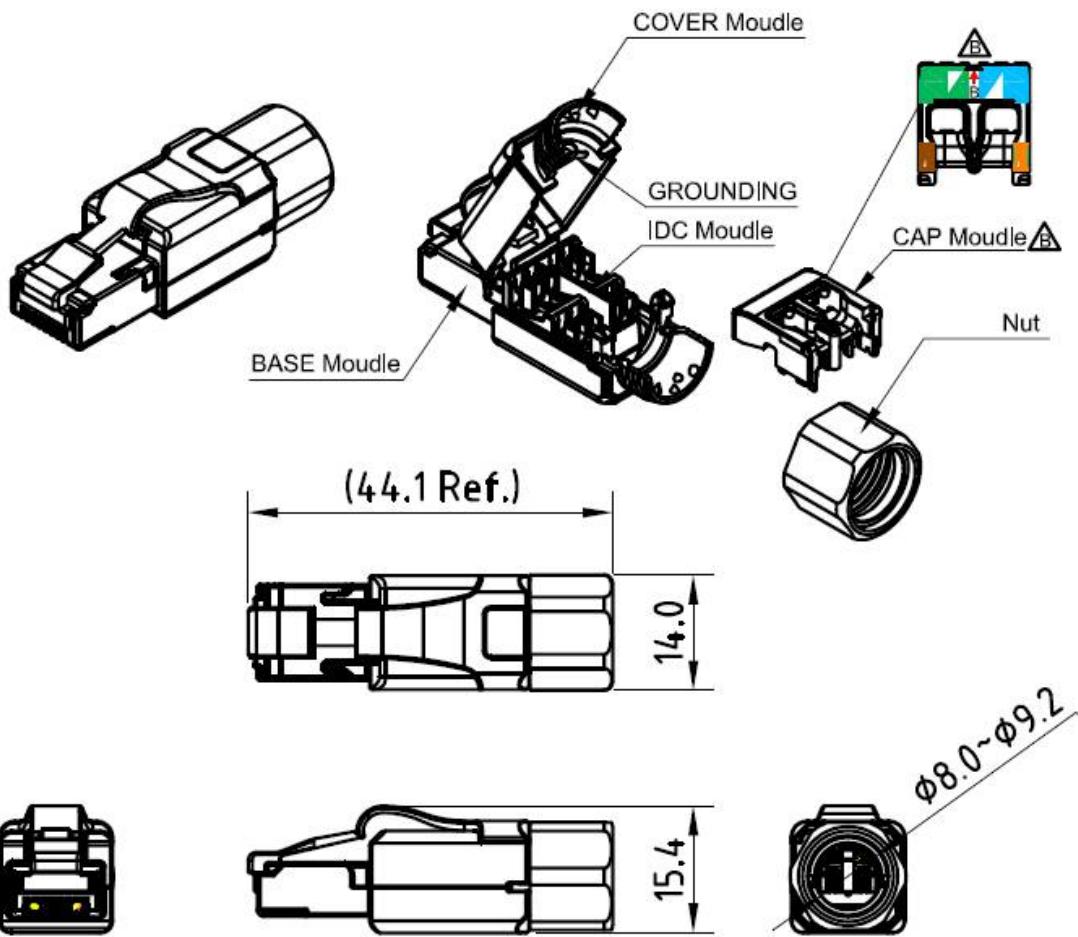
Suitable for cable diameters between 5.6 mm and 8.5 mm, strain relief is provided by the compression nut on the back of the connector.

IDC termination accepts wire gauges from 22AWG to 26AWG.

Product Specifications

Feature	Values
Model	Plug (Male)
Type of connector	RJ45 8(8)
Shielded	yes
Category	8
Requires termination tool	no
Suitable for round cable	yes
Colour	Silver

Product drawing



Additional specifications

Features	Values
Width	14 mm
Depth	44.1 mm
Height	15.4 mm
Housing	Die cast zinc-alloy
RJ45 Contacts	Nickel plated phosphor bronze alloy with 50 micro-inch gold plating
IDC Contacts	Tin plated phosphor bronze alloy
RJ45 Life	Minimum 750 insertions

Excel Cat8 Field Termination RJ45 Plug (6-Pack)

Item Code: 100-802-06



Storage temperature	-40 to +70°C
Operating temperature	-10 to +60°C

Standards

Applicable standard	Detail
RoHS-II/-III (2011/65/EU & 2015/863): 2023	Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III).
ISO/IEC 11801-1:2017	Information technology - Generic cabling for customer premises: Part 1 General Requirements
EN 50173-1:2018	Information technology. Generic cabling systems - General requirements
ANSI/TIA 568-2.D	Balanced Twisted-Pair Telecommunications Cabling and Components Standards
UL-94-V-0	Burning stops within 10 seconds after two applications of ten seconds each of a flame to a test bar. No flaming drips are allowed.
WFD: 2023	Compliant to Waste Framework Directive
SCIP: 2023	Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)
POPs (EU) No 2019/1021	EU Regulation for the restriction of Persistent Organic Pollutants.

Part Number Table

Part Number	Description
100-802-06	Excel Cat8 Field Termination RJ45 Plug (6-Pack)

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

Contact us at sales@excel-networking.com

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