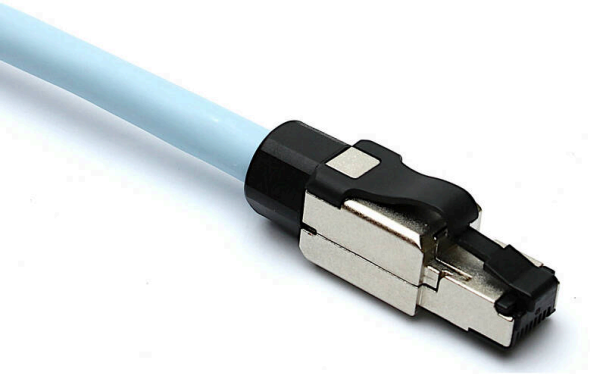


# Excel Cat6A Screened Mini Field Installation Plug (6-Pack)

Item Code: 100-940-06



- ✕ Fully screened Cat6A
- ✕ Die-cast zinc alloy construction
- ✕ Toolless (easy termination)
- ✕ Supports 10 Gigabit Ethernet
- ✕ Independently verified
- ✕ Can be re-terminated numerous times

## Product Overview

This mini screened field termination RJ45 plug offers easy, toolless termination, and it complies fully with ISO/IEC 11801, Cat6A and ANSI/TIA-568-C.2 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 6 mm and 9.2 mm, strain relief is provided by the compression nut on the back of the connector. IDC termination accepts wire gauges from 22 to 26AWG as solid or stranded cable.

## Product Specifications

Feature	Values
Model	Plug
Type of connector	RJ45 8(8)
Shielded	yes
Category	6A (IEC)
Connection type	Crimp
Requires termination tool	no
Suitable for round cable	yes
Suitable for flat cable	no
Suitable for stranded core	yes
Suitable for solid core	yes

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**excel**  
without compromise.

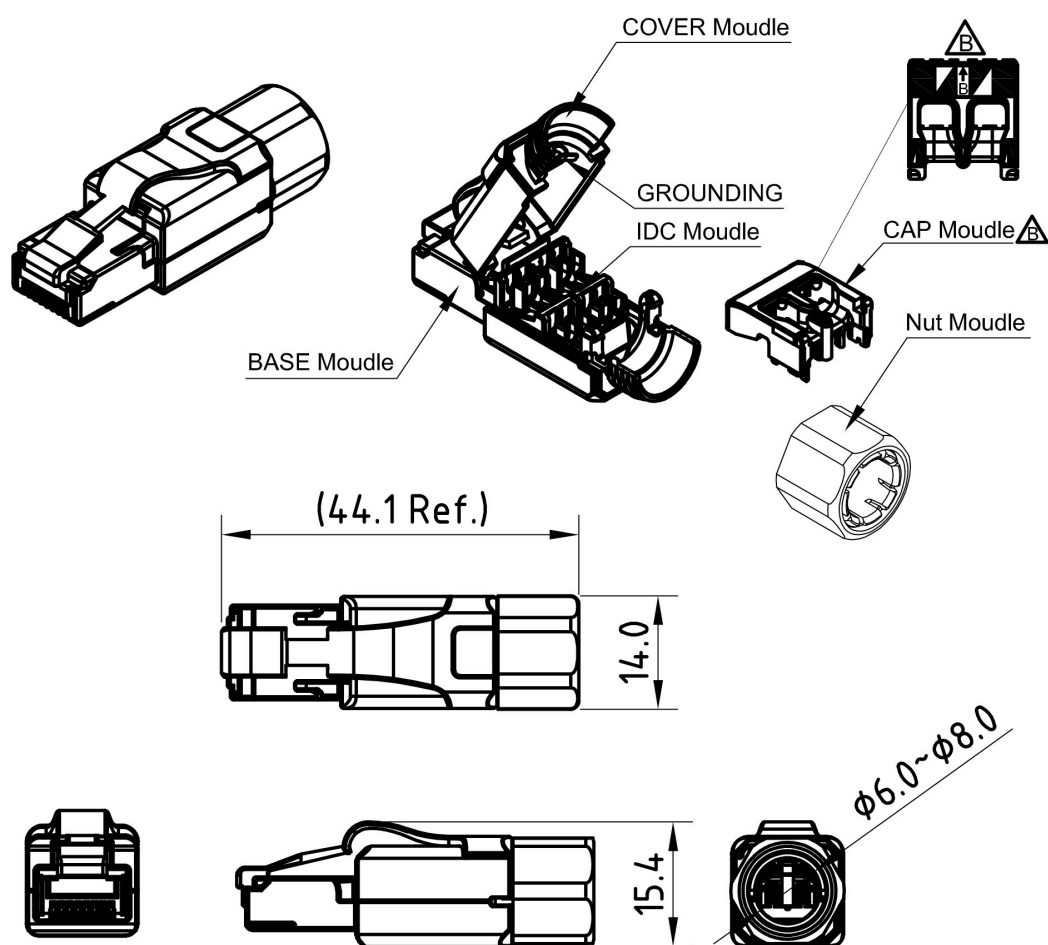
Colour

Silver

AWG-range

22...26

## Product drawings



## Additional specifications

Feature	Value
Electrical insulation resistance	500 MΩ @ 100 VDC
Dielectric withstanding voltage	1000 VDC or AC Peak
Contact-to-contact	1500 VDC or AC Peak
Contact-to-shield	60Hz for 1 minute
Housing material	Zinc alloy die-cast

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Finish	Nickel plate
Contact pin	Phosphor bronze, 50 µin gold plating
IDC	Phosphor bronze, 100 µin 100% Sn alloy
Width	14.0 mm
Depth	44.1 mm
Height	15.4 mm

## Standards

Applicable standard	Detail
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
IEC 60603-7-51	Connectors for electronic equipment - Part 7-51: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 500 MHz
EIA/TIA-1096-A:2008-03-17	Telecommunications Telephone Terminal Equipment Connector Requirements for Connection of Terminal Equipment to the Telephone Network
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).
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.

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Part Number Table

Part Number	Description
100-940-06	Excel Cat6A Screened Mini Field Installation 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](mailto:sales@excel-networking.com)



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