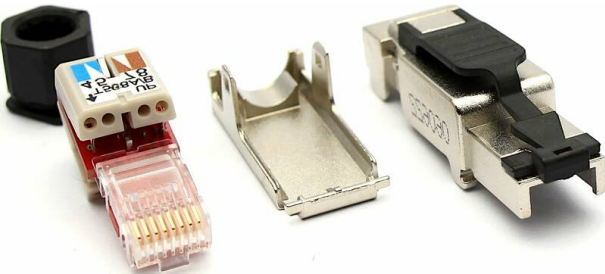


# Excel Cat6A (FTP) Field Termination RJ45 Plug



Item Code: 100-140



- ✕ Fully screened Category 6A
- ✕ Die-cast zinc alloy construction
- ✕ Toolless - easy termination
- ✕ Supports 10 Gigabit Ethernet
- ✕ Independently verified
- ✕ Can be re-terminated numerous times
- ✕ CIBSE TM65 Embodied Carbon: 0.245 kg CO2e

## Product Overview

Screened Field Termination RJ45 Plug offers easy, toolless termination, and it complies fully with ISO/IEC 11801, Category 6A 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 and 8mm, strain relief is provided by the compression nut on the back of the connector. IDC termination accepts wire gauges from 23 to 26AWG.

## Product Specifications

| Feature                   | Values      |
|---------------------------|-------------|
| Model                     | Plug (Male) |
| 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          |

# Excel Cat6A (FTP) Field Termination RJ45 Plug



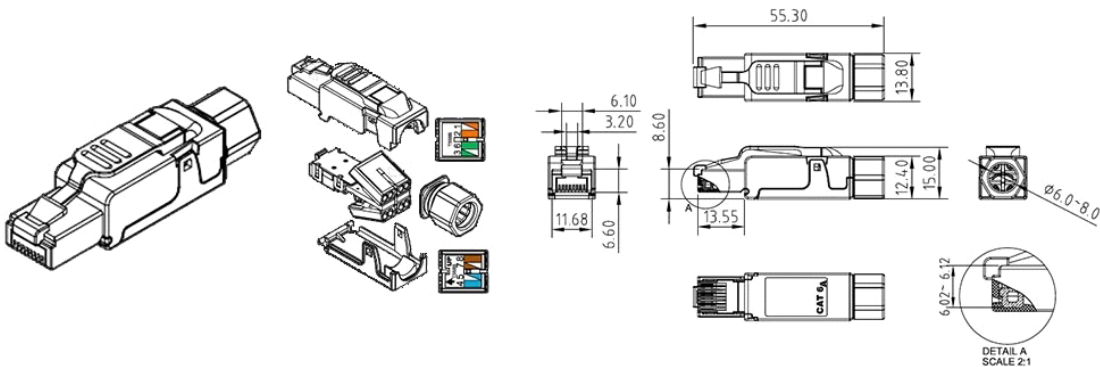
Item Code: 100-140

|                            |        |
|----------------------------|--------|
| Suitable for stranded core | yes    |
| Suitable for solid cores   | yes    |
| Colour                     | Silver |

## Additional specifications

| Features                         | Values  |
|----------------------------------|---|
| Electrical Insulation Resistance | 500MOhm @ 100Vdc                              |
| Dielectric Withstanding Voltage  | 1000Vdc or AC Peak                            |
| Contact to Contact               | 1500Vdc or AC Peak                            |
| Contact to Shield                | 60Hz for 1 minute                             |
| Housing material                 | Zinc Alloy die-cast                           |
| Finish                           | Nickel Plate                                  |
| Contact Pin                      | Phosphor bronze, 50 micro-inch Gold plat      |
| IDC                              | Phosphor bronze, 100 micro-inch 100% Sn alloy |
| Width                            | 13.8mm  |
| Depth                            | 55.3mm  |
| Height                           | 15mm  |

## Product drawing



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## 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.  |
| 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  |
| 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  |
|-------------|--|
| 100-140     | Excel Cat6A (FTP) Field Termination RJ45 Plug          |
| 100-140-06  | Excel Cat6A (FTP) 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](mailto:sales@excel-networking.com)



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