

Excel Cat6A (FTP) Field Termination RJ45 Plug (6-Pack)

Item Code: 100-140-06

excel
without compromise.



Fully screened Category 6A

Die-cast zinc alloy construction

Toolless - easy termination

Supports 10 Gigabit Ethernet

Independently verified

Can be re-terminated numerous times

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 |
| Suitable for stranded core | yes |

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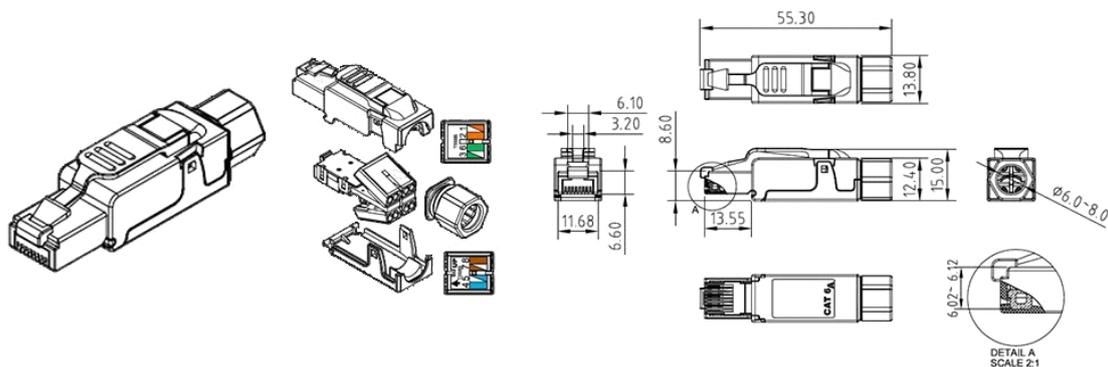


| | |
|--------------------------|--------|
| Suitable for solid cores | yes |
| Colour | Silver |

Additional specifications

| Features | Values |
|----------------------------------|---|
| Electrical Insulation Resistance | 500M Ω m @ 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 |
|------------------------------------|--|
| Directive 2011/65/EU (RoHS II) | Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states). |
| Directive (EU) 2015/863 (RoHS III) | Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant. |
| 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 |
| Directive 2008/98/EC (WFD) | Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988). |
| ECHA SCIP Database | Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH. |
| Regulation (EU) 2019/1021 (POPs) | EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355). |
| UK SI 2012 No. 3032 | The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019. |

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Part Number Table

| Part Number | Description |
|-------------|--|
| 100-140 | Excel Cat6A (FTP) Field Termination RJ45 Plug |
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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



E&OE. Excel is a registered trade name of Mayflex Holdings Ltd.