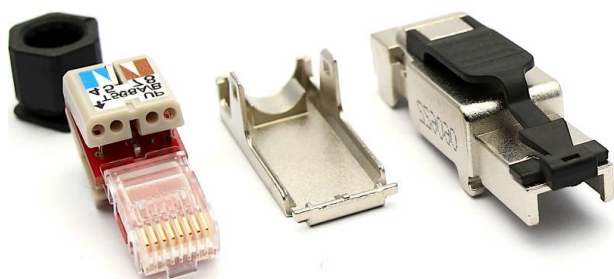


Excel Cat6A (FTP) Field Termination RJ45 Plug

Item Code: 100-140

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 |
| 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 | no |
| Suitable for solid core | yes |

Excel Cat6A (FTP) Field Termination RJ45 Plug



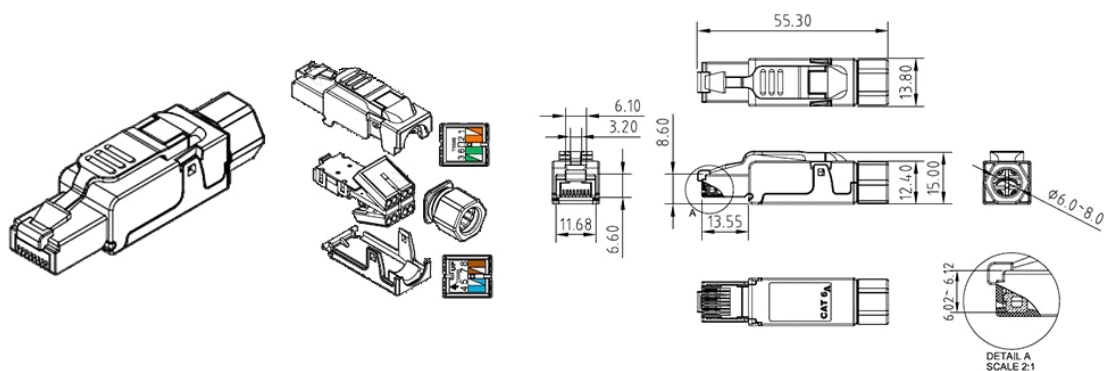
Item Code: 100-140

| | |
|-----------|---------|
| Colour | Silver |
| AWG-range | 23...26 |

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



Excel Cat6A (FTP) Field Termination RJ45 Plug

Item Code: 100-140



Standards

| Applicable standard | Detail |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS | Compliant to the Restriction of Hazardous Substances |
| 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 | Compliant to Waste Framework Directive |
| SCIP | Compliant - Does Not Contain Substances of Concern in Products |

Part Number Table

| Part Number | Description |
|-------------|---------------------------------------------------------|
| 100-140 | Excel Cat6A (FTP) Field Termination RJ45 Plug |
| 100-140-20 | Excel Cat6A (FTP) Field Termination RJ45 Plug (20-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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