Excel Cat6A (FTP) Field Termination RJ45 Plug

Part Code: 100-140

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CIBSE TM65 Embodied Carbon: 0.245 kg CO2e



Main Features

- Fully screened Category 6A
- Toolless - easy termination
- Independently verified
- Die-cast zinc alloy construction
- Supports 10 Gigabit Ethernet
- 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.

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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**
Suitable for solid cores	**yes**
Colour	**Silver**

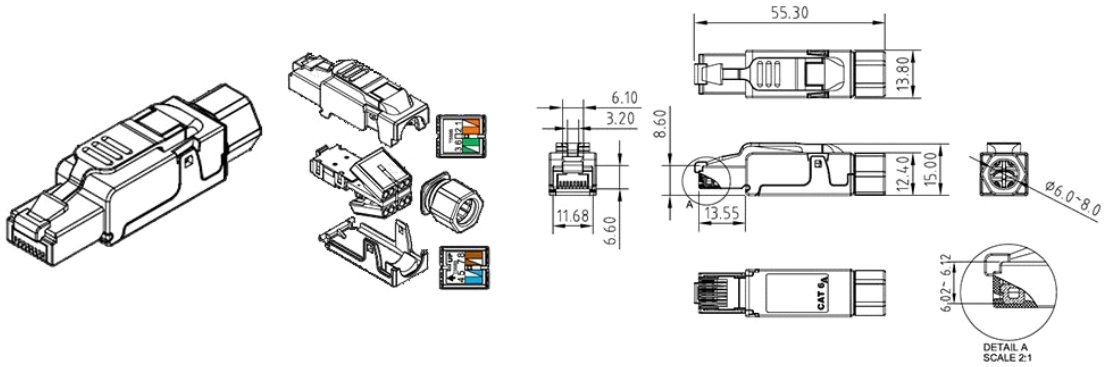
Additional specifications

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**

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IDC	**Phosphor bronze, 100 micro-inch 100% Sn alloy**
Width	**13.8mm**
Depth	**55.3mm**
Height	**15mm**

Product drawing



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

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	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.

Part Code Table

Part Code	Description
100-140	**Excel Cat6A (FTP) Field Termination RJ45 Plug**
100-140-06	**Excel Cat6A (FTP) Field Termination RJ45 Plug (6-Pack)**

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