

# Excel Cat6A (FTP) Angled Field Installation Plug (6-Pack)

Item Code: 100-144-06

**excel**  
without compromise.



✗ Fully screened Category 6A

✗ Die-cast zinc alloy construction

✗ Toolless - easy termination

✗ 360 degree Shielding protects against alien crosstalk

✗ Pack of 6

✗ CIBSE TM65 Embodied Carbon: 0.401 kg CO2e

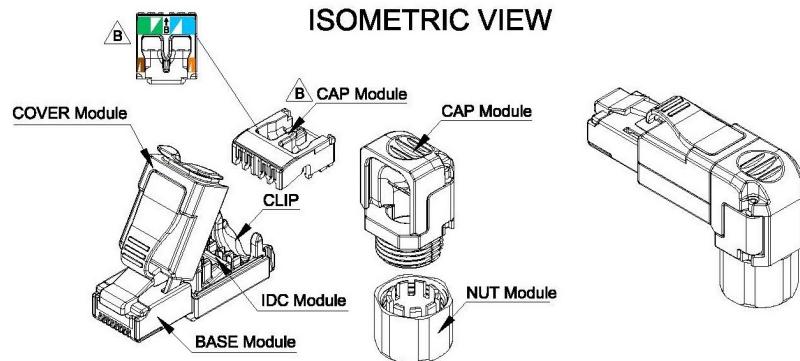
## Product Overview

The Excel screened coupler is suitable for Category 6A cable joints, repairs and extensions. The coupler itself is housed in a high quality zinc die cast housing, which opens at both sides in a butterfly manner to reveal the IDC termination points. Once the conductors of the cable to be terminated are fed into the management caps, the process is completed by snapping the 'butterfly wings' together with minimal, but firm pressure.

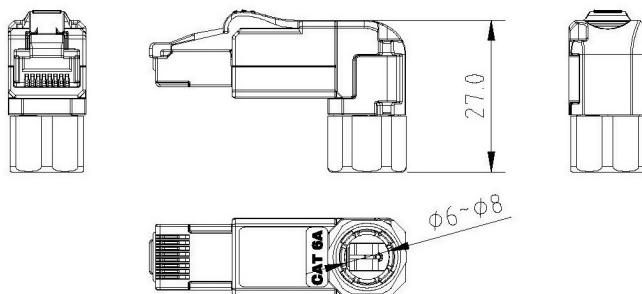
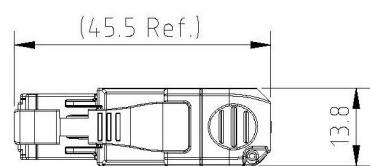
## Product Specifications

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

### Product drawing



### ASSEMBLY DIMENSION



### Additional specifications

Features	Values
Electrical Insulation Resistance	500 MΩ
Dielectric Withstanding Voltage	1000 V DC
Contact to Contact	1500 V DC
Contact to Shield	60 Hz for 1 minute
Housing material	Zinc alloy
Finish	Nickle plate
Contact Pin	Phosphor bronze alloy plated with 50 micro-inch gold

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IDC	Phosphor bronze alloy with 100 micro-inch sn alloy
Width	13.8 mm
Depth	45.5 mm
Height	27 mm

## 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.

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## Part Number Table

Part Number	Description
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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](mailto:sales@excel-networking.com)

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

