

Part Number: **66340014 (black), 66340015 (white)**  
Description: **Category 6A UTP RJ45 Modular Outlet – HY Series, toolless**

Document name: **PG66340014-15**  
Issue/Version No: **1.1**  
Date: **20/08/2018**  
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## Use / Application:

The HY series category 6A UTP modular outlet has been designed to simplify and accelerate network deployment. This unshielded modular jack / outlet, meets or exceeds ISO/IEC 11801 Ed.2.2 system performance for Class EA networks (10G, 500MHz) and category 6A connectivity. Used with unshielded cable (U/UTP), this modular jack is easy to install in modular patch panels, wall outlets or floor distributors.

## Benefits & Features:

- Toolless, easy and fast to terminate
- The compact design of the HY connector improves cable management
- Equipped with a translucent wire management cap to retain wires
- Easy visual inspection of the wiring colour code to ensure every connection is correct
- Can be terminated with standard IDC punch down tools or with the HYTOOL
- Universal keystone format allowing multiple mounting options
- Optimized printed circuit design for improved high frequency crosstalk performance
- Suitable for PoE and PoE+ applications
- Unshielded
- Category 6A shielded RJ45 modular jack, keystone
- Meets or exceeds ISO/IEC 11801 Ed.2.2 and ANSI/TIA 568-C.2
- ACMA compliant – RCM
- Class Ea, 500MHz

## Standards Compliant Performance:

**INSTALLED SYSTEM** ANSI/TIA 568-C.2  
ISO/IEC 11801 Ed.2.2  
EN 50173 Ed2  
IEEE 802.3 AT PoE+

**CONNECTOR** IEC 60603-7  
EN 60603-7-4  
FCC Part 68 subpart F  
TIA 570-B  
UL1863

## Electrical Properties:

### CONNECTOR

Contact Resistance	≤ 20mΩ IEC 60512-2-1 Test 2a
Input/Output Resistance	≤ 200mΩ IEC 60512-2-1 Test 2a
Insulation Resistance	≥ 500MΩ at 100V DC IEC 60512-3-1 Test 3a
Maximum Voltage Rating	≥ 1000V DC contact to contact ≥ 1500V DC contact to screen
Mating Cycles	> 1000
Operating temperature	- 40 to + 70°C
Current Capacity	≤ 0.175 mA per conductor
Operating voltage	≤ 72V DC
Power Capacity	≤ 30W
Vibration Performance	≤ 10μs (3 axis) IEC 60512-4-1 test 2a
IDC Connection	Bronze + Gold plating / Cu + SnPb 80μ
Conductor Sizes	26 to 22 AWG
Contacts	Bronze + Gold plating / Ni + Au 1.2μm
Connector Body	ABS or PC UL94V0
Colour code	T568 A or B

## Ordering Information:

Part Number	Description
66340014	CATEGORY 6A UNSHIELDED JACK, RJ45, KEYSTONE, TOOLLESS, BLACK
66340015	CATEGORY 6A UNSHIELDED JACK, RJ45, KEYSTONE, TOOLLESS, WHITE

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