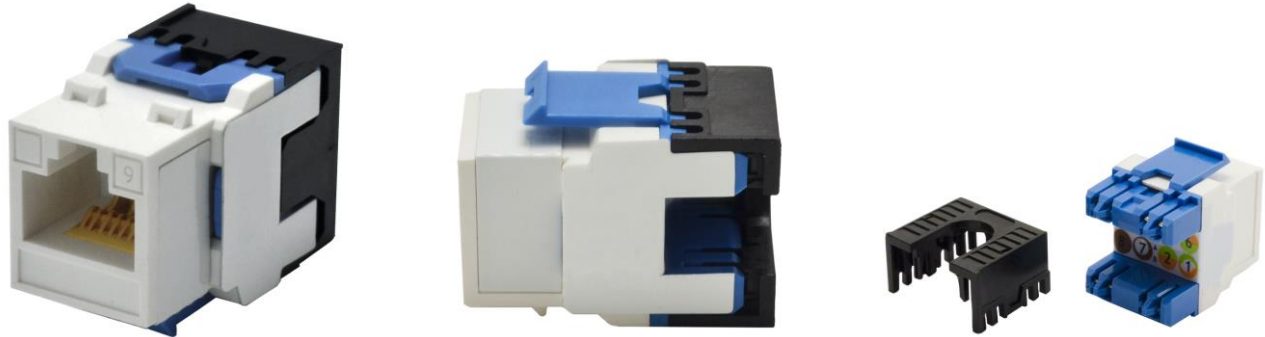


Product Number: **66340021WHT/66340021BLK**  
 Stock Code: **TBA**  
 Description: **CAT6 unshielded jack, RJ45, white or black, toolless (HZH series)**

Document name: **PG66340021**  
 Issue/Version No: **1.0**  
 Date: **12/05/2022**  
 Page: **1 of 2**



## Use / Application:

This HZH series unshielded modular jack, meets or exceeds ISO/IEC 11801 Ed.2.2 system performance for Class E networks and Category 6 component 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:

- Equipped with a translucent wire management cap
- Can be terminated with standard IDC termination tool or with the HY series terminating tool
- Easy visual inspection of the wiring colour code to ensure every connection is correct
- Universal keystone format allows multiple mounting options
- UTP, category 6 unshielded RJ45 modular jack
- Meets or exceeds ISO/IEC 11801 Ed.2.2, ANSI/TIA 569-C.2
- ACMA compliant – RCM
- Compliant with AS/NZS 3080:2013
- Class E, 250MHz, 1G

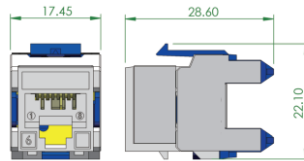
## Technical Attributes:

<b>Transmission Performance</b>	ISO-11801 & TIA-568.2-D CAT6 Connecting Hardware Certified
<b>FCC &amp; IEC Compliance</b>	Meets FCC part 68-F & IEC 60603-7
<b>PoE Compliance</b>	Supports Power over Ethernet PoE+ 802.3at and PoE++802.3bt
<b>Ethernet Standard</b>	IEEE 802.3an 10GBase-T 10Gbit/s Ethernet over Twisted Pair
<b>EU Directive 2002/95/EC</b>	RoHS Compliant
<b>Safety Listing</b>	UL Listed

## Materials Specifications

Jack Housing	ABS UL94V-0
Spring Wire	Phosphor Bronze
Splice Wiring Plating	50u" Gold at Contact Area Nickel Undercoat
IDC Terminal	Phosphor Bronze
IDC Terminal Plating	Nickel
IDC Block	Hi-impact PC UL94V-0
PCB	FR-4

## Dimensions:



(Unit=mm)

## Mechanical Specifications

Keystone Latching Force	>150N
Plug Insertion Life	>750x
Plug Retention Force	>80N
Plug Insertion Force	<20N
Plug Withdraw Force	<20N
IDC Re-Termination	>20x
Cable Retention Force	>80N

## Electrical Specifications

Constant Resistance	<20mΩ
DC Resistance	<200mΩ
Resistance Unbalance	<50mΩ
Insulation Resistance	>500mΩ
Dielectric Strength	>1000VDC
Current Rating	1.5A @ 20°C

## Environmental Specifications

Operating Temperature	-10°C to 60°C
Storage Temperature	-40°C to 68°C
Humidity	10% to 90%RH

## Cable & Tool Compatibility

Cable O.D.	5mm to 9mm
Insulation Diameter	0.8mm to 1.2mm
Conductor Gauge	22AWG Solid to 24AWG Standard
Tool	EZ Termination Keystone Jack Tool / 62x45, 62x46