

Product Number: **66340020**
 Stock Code: **T006343**
 Description: **CAT6 unshielded jack, RJ45, toolless, white, HZ series**

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Use / Application:

The HZV series Category 6 unshielded modular jack has been designed to simplify and accelerate network deployment. This fully shielded modular jack meets or exceeds ISO/IEC 11801 system performance for Class E networks (1G, 250MHz) and category 6 connectivity. Used with unshielded cable (U/UTO), this modular jack is easy to install in modular patch panels, wall outlets or floor distributors.

Benefits & Features:

- Easy visual inspection of the wiring colour code to ensure every connection is correct
- Toolless termination or can be terminated with parallel pressing tool/pliers
- Universal keystone format allows multiple mounting options
- Optimised printed circuit design for improved high frequency crosstalk performance
- Secure metal contact provides earthing integrity at the patch panel
- UTP, category 6 unshielded RJ45 modular jack, keystone
- Suitable for PoE and PoE+ applications
- ACMA compliant – RCM
- Meets or exceeds ISO/IEC 11801-, ANSI/TIA 568-C.2
- CAT6, Class E, 250MHz, 10G

Technical Attributes:

Transmission Performance	ISO-11801 & TIA-568.2-D CAT6 Connecting Hardware Certified
FCC & IEC Compliance	Meets FCC part 68-F & IEC 60603-7
EU Directive 2002/95/EC	RoHS Compliant
Safety Listing	UL Listed

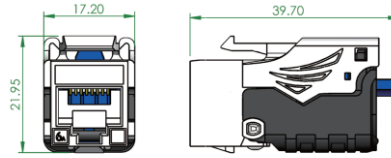
Materials Specifications

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	Ni/Sn
IDC Housing	ABS UL94-0

Top Cover + Rear Cover
PCB

Zinc Alloy, Nickel Plated
FR-4

Dimensions:



(Unit=mm)

Mechanical Specifications

Keystone Latching Force	>160N
Plug Insertion Life	>750x
Plug Retention Force	>80N
Plug Insertion Force	<20N
Plug Withdraw Force	<20N
IDC Re-Termination	>20x
Cable Retention Force	>70N

Electrical Specifications

Constant Resistance	<20mΩ
DC Resistance	<200mΩ
Shield Resistance	<100mΩ
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 26AWG Standard
Tool	RJ45 Keystone Parallel Plier / 62x44 or toolless