



## Category 6+ Unshielded RJ-45 Keystone Jacks

DIGILINK TG500 unshielded copper RJ-45 keystone jack series includes high performance Category 6 snap-in 8-position/8-contact (8P8C) jacks conforming to IEC 60603-7-2 (unshielded 100 MHz connectors) including 1000 BASE-T (Gigabit-Ethernet). These jacks are designed for fast and easy snap-in and out of wall plates and patch panels. All DIGILINK TG500 jacks are designed in a 180° style and are available with interconnection of 110 IDC blocks.



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### Product Features & Compliances

- Available in white, blue, green, yellow, red & black Colours.
- Robust and installer friendly design.
- Exceeds Cat 6+ Performance.
- Compatible with 22-26 AWG solid cables.
- Compatible to T568A, T568B wiring pattern.
- Jacks with 180° style design-provide easier access
- UL-94V0 rated plastics.
- ISO/IEC-11801 (2nd Edition) Class E<sub>A</sub>
- CENELEC EN 50173
- RoHS Compliant
- ETL Verified
- ANSI/TIA/EIA-568-B.2 Category 6
- Performance verified upto 600 MHz
- Suitable for 10G application for channel length of 50 m

### Specifications

#### Mechanical

Plug retention force: 14Kgf (140N)  
Plug reliability: 750 cycle minimum  
Jack Contact Material: Phosphor bronze 50μ" gold over 100μ" nickel plating  
Conductor compatibility range: 22-26AW  
Standard colour: White (other colours available on order)  
Jack mating life: 750 cycles

#### Electrical

Voltage rating: 72Vdc max  
Propagation delay: 2.5ns Max @1-100 MHz  
Contact resistance: 20 mΩ (max) per contact  
Current rating: 1.5A max  
Insulation resistance: 500mΩ (min)@500 Vdc

### Ordering Information

Description	Type	Product Code
DIGILINK Cat 6+ Unshielded RJ-45 keystone jacks	White	DCAKYSTU-WT
	Blue	DCAKYSTU-BL
	Green	DCAKYSTU-GN
	Yellow	DCAKYSTU-YL
	Red	DCAKYSTU-RD
	Black	DCAKYSTU-BK

Note: Suitable DIGILINK face plate and patch panels are available for these keystones- refer page number & respectively: A10/A11

VFMC : Virtual Force Metallised Connector.