

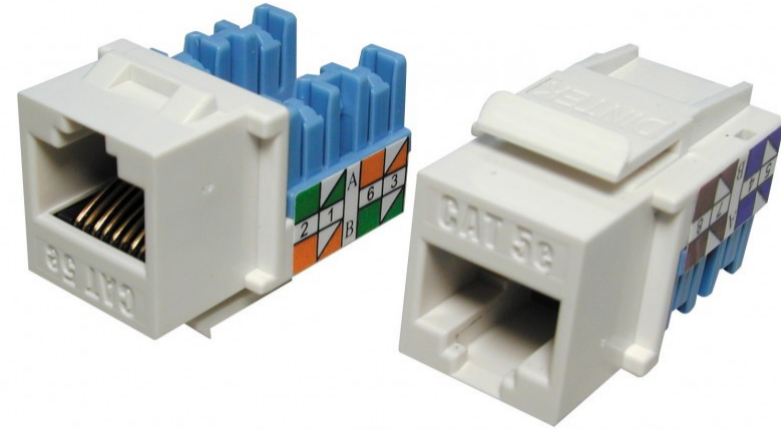
Publish Date: 28.06.2020 | Rev no: 6

## PowerPRO Cat.5e ezi-JACK Horizontal Jack

If it's terminating speed that you're after, then look no further than the DINTEK PowerPRO™ ezi-JACK. These jacks provide performance that exceeds category 5e connecting hardware performance specifications.

The DINTEK ezi-TOOL™ system is an all-in-one punch down and wire trim process, designed to ensure consistent connections, better performance and faster fit off times.

The PowerPRO™ 90 degree ezi-JACK works with either the ezi-TOOL™ or a standard 110 style DINTEK punch down tool.



### Features

- Meets all category 5e channel performance requirements specified in ANSI/TIA-568-C.2
- 110 type IDC termination
- Accept 22~26AWG, stranded or solid wire
- Modular jack meets FCC part 68
- Wiring: T568A/B

### Standards Conformance

- UL, ETL Verified
- ANSI/TIA-568-C.2
- ISO/IEC 11801
- EN 50173



### Applications

- Voice; T1; ISDN
- 10BASE-T (IEEE 802.3)
- 16Mbps Token Ring (IEEE802.5)
- 100VG-AnyLAN (IEEE802.12)
- 100BASE-T Ethernet (IEEE802.3)
- 155/622Mbps 1.2/2.4 Gbps ATM
- 1000Mbps Gigabit Ethernet
- 550MHz Broadband Video

### Ordering Information

Product Number	Product Name	Orientation	Color	Std Pkg Qty
1305-03030	Cat.5e 90 degree unshielded E-Jack,T568A/B	Horizontal	White	1pcs/ PE Bag
1305-03039	Cat.5e 90 degree unshielded E-Jack,T568A/B	Horizontal	Blue	1pcs/ PE Bag
1305-03040	Cat.5e 90 degree unshielded E-Jack,T568A/B	Horizontal	Red	1pcs/ PE Bag
1305-03041	Cat.5e 90 degree unshielded E-Jack,T568A/B	Horizontal	Yellow	1pcs/ PE Bag
1305-03042	Cat.5e 90 degree unshielded E-Jack,T568A/B	Horizontal	Green	1pcs/ PE Bag

## Technical Specifications

### Construction

Body	
Connector Housing	High-impact, Flame Retardant Plastic
Standard	UL94V-0 rated
Front Connection	
Contact Type	Spring Wire
Material	Phosphor bronze alloy
Contact Plating	24 karat hard gold (50 micro-inch plating thickness) over 100 micro-inch nickel
Rear Terminals	
Terminal Type	IDC
Material	Phosphor Bronze Alloy with 100 micro-inch 100% Sn Alloy

### Physical Ranges

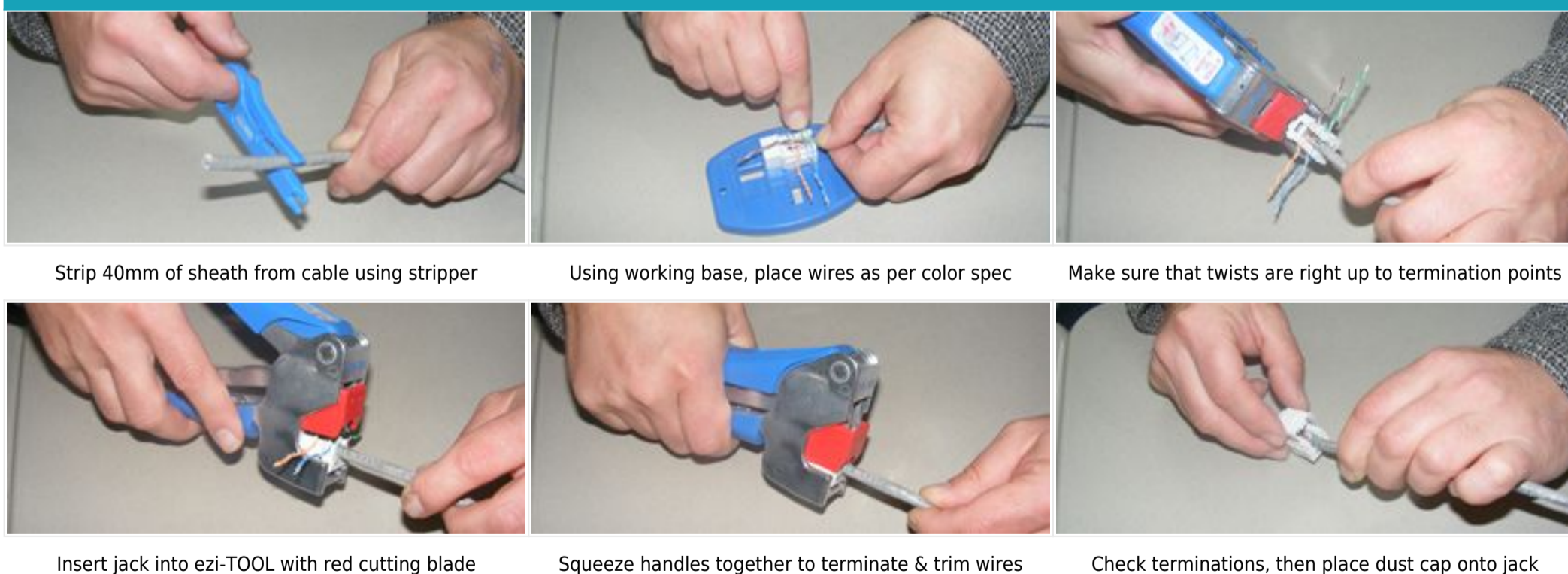
Storage	-40 to +70°C
Operational	-10 to +60°C
Operational	Max. non-condensing 93%
Retention	50N (11 lbs) for 60s ± 5s
Insertion/Extraction Life	750 cycles minimum
No. of IDC Terminations	200 minimum
Total mating force	800 grams for a 8 wire leads minimum

### Electrical

Insulation Resistance	500 mΩ min.@ 100V d.c
Dielectric Withstanding Voltage	1000 V d.c. or a.c. Peak Contact to Contact @ 60 Hz for 1 MIN.
Spring Wire Contact Resistance	20 mΩ Max.
Voltage/Current Rating	150VAC/1.5A at 20°C
IDC Contact Resistance	2.5 mΩ Max

## Terminal Demonstration

### Horizontal ezi-JACK



Strip 40mm of sheath from cable using stripper

Using working base, place wires as per color spec

Make sure that twists are right up to termination points

Insert jack into ezi-TOOL with red cutting blade

Squeeze handles together to terminate & trim wires

Check terminations, then place dust cap onto jack