

COPPER - CAT. 6

# COPPER KEYSTONE CAT. 6 UTP - TOOLLESS



## Description

ORCA Category 6 Series jacks exceed TIA/EIA-568-A and TIA/EIA-568-B requirements for Category 6 component performance. The Category 6 System complies with all of the performance requirements for current and proposed applications.



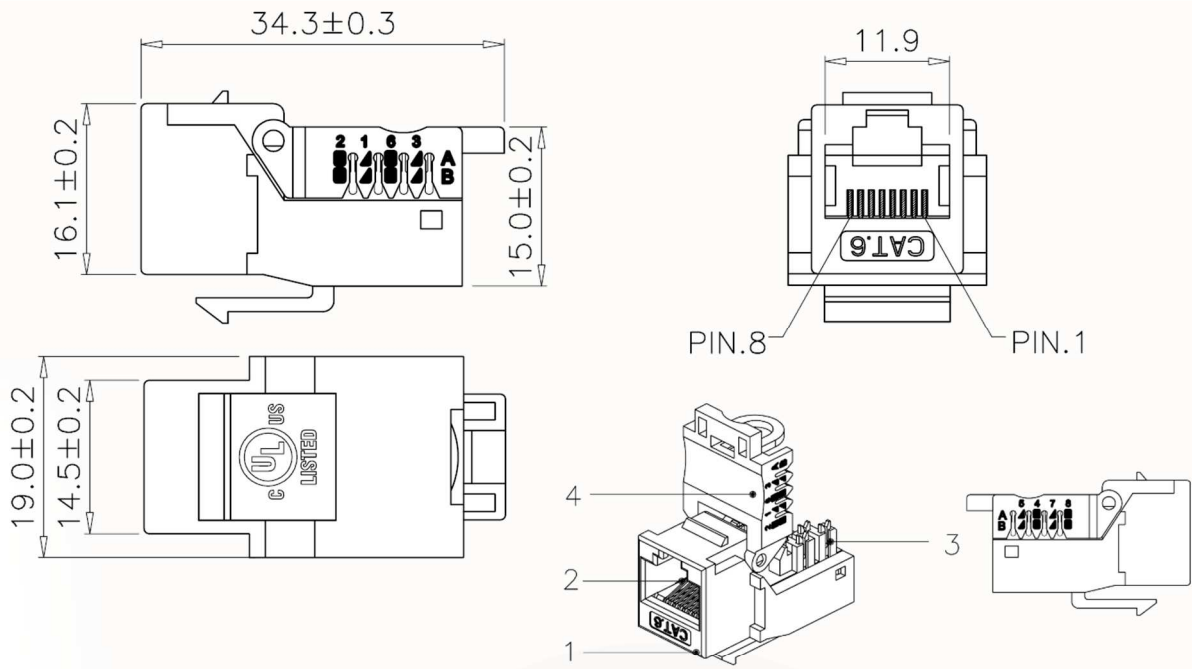
### Material Specification:

	Housing	Housing: ABS, UL 94V-0, with optional color (Black)
RJ45 Keystone Jack:	Contact Bracket	Contact Bracket: PBT+Glass Fiber, UL 94V-0
	Shield	Not present
RJ45 Keystone Jack:	Contact Material	Phosphor Bronze with Nichel Plated
	Contact Finish	Finish 50 micro-inch Gold plated on plug contact area
	Housing	PC+Glass Fiber, UL 94V-2
IDC:	Contact	Phosphor Bronze with Tin plated
	Type	110 - toolless
	AWG range:	23-24 stranded and solid wire
IDC CAP:	Material	PC, UL 94V-0
PCB:	Material	FR4, UL 94V-0

### Performance:

Insertion force	20 N max. (IEC 60603-7-4)
Retention strength	Retention strength 7,7 Kg between Jack and Plug
Dielectrics strengtn	1000 V RMS at 60Hz for 1 minute
Insulation resistance	500 mΩ minimum
Contact resistance	2 mΩ per contact
Voltage rating:	-
Current reating	-
Life (mating cycles)	Jack: 750 min. (ISO/IEC 11801, IEC 60603-7-4) IDC: -

Specifications subject to change without prior notice - For more details please visit [www.orca.it](http://www.orca.it)



**Enviromental:**

Operating Temp.	from -10 to 60°C (ISO/IEC 11801, ANSI/TIA/EIA 568 B.2)
Stock Temp.	-

**Compliance and note:**

Trasmission performance comp.	Cat. 6 with the ANSI/TIA/EIA 568 B.2-1 standard
Wiring Printing	T568A & T568B wiring Printing on IDC cap.
Other:	IDC type terminations with built-in strain relief cap

**Ordering Information code:**

OC-MJ6-233140-00	ORCA – INSERT RJ45 CAT 6 UTP – TOOLLESS - BLACK
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