

# CATEGORY 6/6A UTP PATCH PANEL & KEYSTONE JACK E-SERIES

The Norden Economic Series Category 6/6A UTP Patch Panel is a high performance solution designed to support seamless network connectivity. This patch panel is compatible with both 90-degree and 180-degree Keystone Jacks, offering flexibility in installation and configuration. It provides a secure, reliable connection for Cat 6/6A cabling, ensuring excellent data transmission speeds and reduced interference. Ideal for use in a wide range of commercial and industrial applications, this patch panel is engineered for durability, ease of use, and efficient cable management.



## COMPLIANCE

**Patch Panel:** IEEE 802.af, IEEE 802.3at for PoE applications.  
ISO/IEC 11801 Class E, TIA/EIA-568D

**Keystone Jack:** IEEE 802.af, IEEE 802.3at for PoE applications.  
ANSI/TIA-568-C.2, ISO/IEC11801:2002  
EN50173-2 Category 6 standards

## DESIGN & MATERIALS

### PATCH PANEL

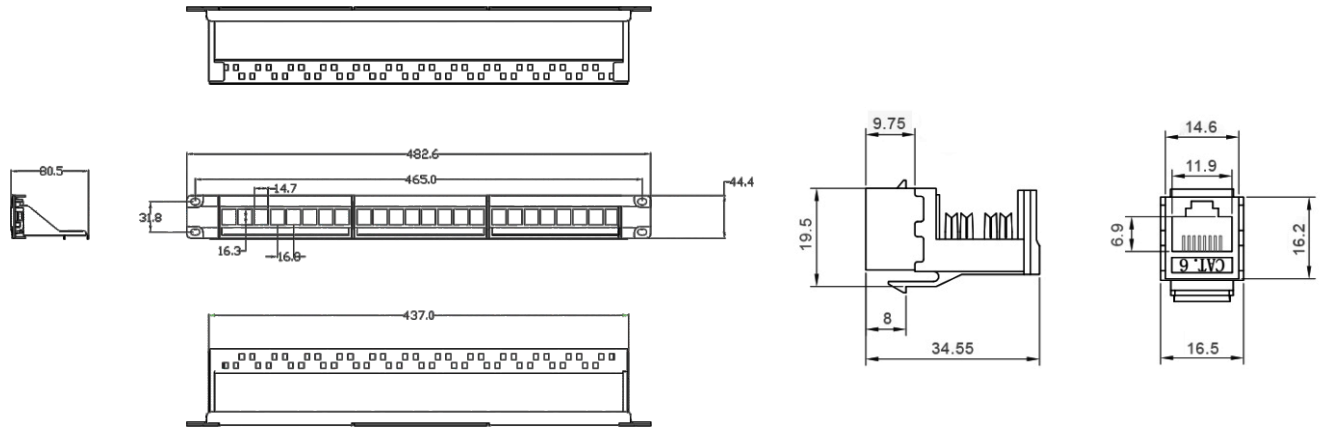
Panel Type	Flat, Shuttered
Panel Style	Blank
Mounting Style	Punch Down (Module)/Toolless
Panel Width	482.6
Panel Height	44.4
Panel Depth	80.5
Outlets	24 Port
Connector Module Holder	Plastic Material
Cover Colour and Material	Black, Powder Coated Steel

### KEYSTONE JACK

Angle	90 Degree / 180 Degree
Storage Temperature	-40 C to +70 °C
Operating Temperature	-10 °C to +65 °C
Housing Material	Plastic Material
IDC Type	IDC 110
IDC Wire Gauge	22-26 AWG, Solid or Stranded
Colour Coding	As Per 568 A/B Standard
Spring Wire	Phosphor Bronze Alloy
IDC	Phosphor Bronze Alloy
Conductor Termination	>200
Insulation Diameter	0.7-1.6 mm

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## DRAWING



## ELECTRICAL & MECHANICAL DATA

Current Rating	1.5 A max
Voltage rating	30 V
Contact Resistance	20 mΩ
Insulation Resistance	500 MΩ
Dielectric Voltage	1000 V dc or 700V ac, 60 Hz for 1 min [Contact-Contact]
Insertion/Extraction Life	750 Cycles minimum

## ORDERING INFORMATION

Part Number	Description
121-EC1P09024B	24 Port UTP Patch Panel Blank E-Series

## ORDERING GUIDE FOR KEYSTONE JACK

KJ Series	Category	Type	Style	Angle	Color
122	E : Cat 6 E Series A : Cat 6A E Series	1 : UTP	P : Punch Down T : Toolless	090 : 90 Degree 180 : 180 Degree 181 : 180 Degree with Shutter	X

X: BK(Black), BL(Blue), GN(Green), GY(Gray), RD(Red), WH(White), YL(Yellow)

For Example:

122 E 1 T 1 8 0 X

Description : Category6 UTP Toolless Keystone Jack 180D E-Series

122 A 1 P 1 8 0 X

Description : Category6A UTP Punch Down Keystone Jack 180D E-Series