



NEW KEYSTONE JACK CAT6 4PPOE



KEY POINTS

- ▶ Compact keystone (28 mm depth)
- ▶ No specific tool required
- ▶ 05U 24-port patch panel bundle available
- ▶ 8 wires insertion in one process
- ▶ Removable dust cover
- ▶ Component CAT6 certificate
- ▶ 4PPoE certified



GIGAMEDIA is launching its new reduced size, low profile Cat6 UTP toolless keystone Jack, only 28 mm depth!

Still using rear wings butterfly type with colored plastic cap to ensure fast and secured contact during the mounting process.

Improved rear IDC termination point and reduced cable management plastic cap for efficient high density environment.

Each NKJ is delivered with a removable front shutter, to be used on standard faceplate, panel (excepted 0.5U) to offer a shuttered solution.

MAIN FEATURES

- ▶ Flame Retardant plastic UL-94V-0
- ▶ RJ45 CAT6 UTP keystone type
- ▶ Wiring standard EIA/TIA 568 A & B
- ▶ No specific tool required

COMPLIANCE

- ▶ ANSI/TIA-568-C.2 Category 6
- ▶ IEC 60603-7-51 (+mesure PSANEXT, PSAFEXT)
- ▶ ISO/IEC 11801 Amd 2: 2011
- ▶ EN 50173-2: 2007, A1: 2010
- ▶ IEC 60512-99-001: 2012 (Ed. 1.0)

APPLICATIONS

- ▶ IEEE 802.3: 5GBase-T; 2.5GBase-T; 1000Base-T; 100Base-T; 10Base-T
- ▶ IEEE802.3af/at/bt (PoE/PoE+/4PPoE)

ENVIRONMENTAL CONDITION

- ▶ Temperature:
Storage: -40 °C to +70 °C
Operating: -10 °C to +60 °C
- ▶ Relative humidity:
Max. 93 % (operating)
Non condensing

ELECTRICAL

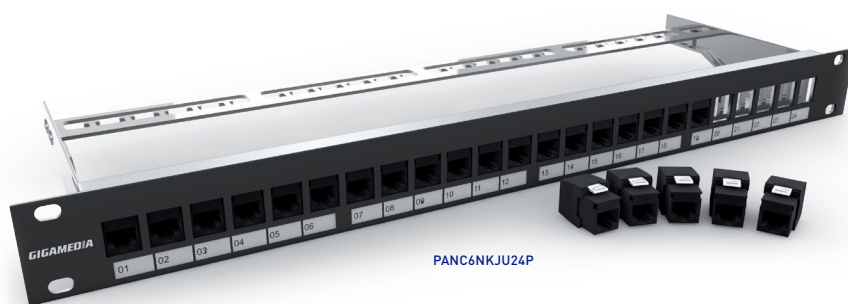
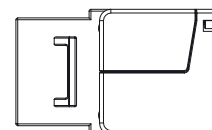
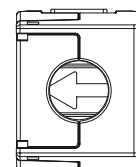
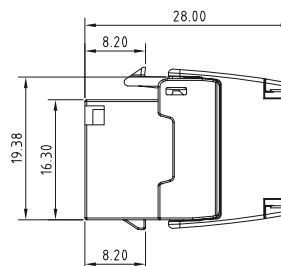
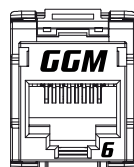
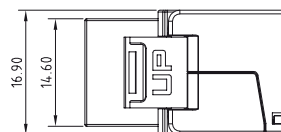
- ▶ Electrical insulation resistance: 500 MΩ min. @ 100 V DC
- ▶ Dielectric withstanding voltage: 1000 V RMS @ 60 Hz while 1 mn
- ▶ Spring wire contact resistance: 20 mΩ max
- ▶ IDC contact resistance: 2.5 mΩ max

MECHANICAL

- ▶ Retention: 50 N while 60 s ±5 s
- ▶ Insertion / Extraction life: 750 cycles min.
- ▶ IDC Wire Gauge: 22 ~ 24 AWG

PHYSICAL

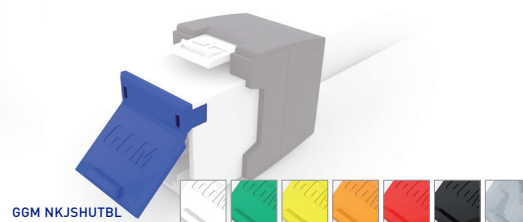
- ▶ Housing: high-impact flame retardant plastic UL 94V-0
- ▶ Spring wire: phosphor bronze alloy plated with 50 μ of gold over 70 -100 μ of nickel
- ▶ IDC: phosphor bronze alloy with 100 μ 9:1 alloy Sn - Pb



PANC6NKJU24P



GGM NKJUC6TL24



GGM NKJSHUTBL

P/N	DESCRIPTION
GGM NKJUC6TL	CAT6 4PPoE UTP toolless short jack, black
GGM NKJUC6TLW	CAT6 4PPoE UTP toolless short jack, white
GGM NKJUC6TL24	24x CAT6 4PPoE UTP toolless short jack, black
GGM NKJUC6TLW24	24x CAT6 4PPoE UTP toolless short jack, white
GGM PANC6NKJU24P	Patch Panel, Category 6 24 port, with 24x tool less jacks (separate)
GGM NKJSHUTWH	Packs of 24 white shutters for NKJ*

BL WH GN YL OG RD BK TR *NB: Shutters available in 8 different colors, only need to change the last two letters of the P/N