



NIKOMAX Fast Termination jacks («FT» series) are specially designed for use with a quick termination tool (NMC-FT-TOOL). All you need is to spread the cable to the module contacts, insert it into the tool and simply squeeze the handles. The accurate and high-quality termination in just a single click! The IDC contacts of FT jack are also compatible with punch down tool with 110/KRONE knife.

The jacks are fully compatible with all NIKOMAX components. Only 17 mm width and a standard height allows you to install them in any snap-in patch panels, including high density models with 0.5U height.

NMC-KJUD2-FT-WT (CAT.5e) are made from durable plastic, making them ideal for the unshielded systems.

### Ordering Table

| P/N         | Cat. | Color  | Type.       | Individual package |            | Collective package |                |            | Freight package |                |            |
|-------------|------|--------|-------------|--------------------|------------|--------------------|----------------|------------|-----------------|----------------|------------|
|             |      |        |             | Volume, m3         | Weight, kg | Quantity           | Dimensions, mm | Weight, kg | Quantity        | Dimensions, mm | Weight, kg |
| NMC-KJUD25e |      | White  | Unshielded. | 0.000068           | 0.010      | 150 pcs.           | 250x190x21(1.7 | 600 pcs.   | 515x400x23(7.4  |                |            |
| NMC-KJUD25e |      | Black  | Unshielded. | 0.000068           | 0.010      | 150 pcs.           | 250x190x21(1.7 | 600 pcs.   | 515x400x23(7.4  |                |            |
| NMC-KJUD25e |      | Yellow | Unshielded. | 0.000068           | 0.010      | 150 pcs.           | 250x190x21(1.7 | 600 pcs.   | 515x400x23(7.4  |                |            |
| NMC-KJUD25e |      | Red    | Unshielded. | 0.000068           | 0.010      | 150 pcs.           | 250x190x21(1.7 | 600 pcs.   | 515x400x23(7.4  |                |            |
| NMC-KJUD25e |      | Blue   | Unshielded. | 0.000068           | 0.010      | 150 pcs.           | 250x190x21(1.7 | 600 pcs.   | 515x400x23(7.4  |                |            |
| NMC-KJUD25e |      | Green  | Unshielded. | 0.000068           | 0.010      | 150 pcs.           | 250x190x21(1.7 | 600 pcs.   | 515x400x23(7.4  |                |            |

## Detailed characteristics

| Characteristic                     | Value  |
|------------------------------------|--|
| Category                           | 5e   |
| Bandwidth, MHz                     | 100  |
| Connection style                   | Unshielded   |
| Compliance                         | Exceeds the requirements of the standards: ISO / IEC 11801, EN 50173 and ANSI / TIA-568-C.2  |
| Supported applications             | 10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 10G-BASE-T (For Cat. 6 & 6A), ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive |
| Temperature ranges                 | Storage from -40 to +70 ° C. Installation from 0 to +50 ° C. Operation from -10 to +60 ° C   |
| Warranty                           | 5 years - extended; 25 years - as part of the certified NIKOMAX SCS  |
| Connector type                     | RJ45/8P8C  |
| Connector material in connector    | Phosphor bronze  |
| Contact coating material           | Gold (50 micro-inches) over nickel (100 micro-inches)  |
| Number of cable connections        | Not less than 750  |
| Type of IDC contacts (seal)        | FT-TOOL fast-termination tool or 110 / KRONE knives  |
| Layout diagram                     | T568A/B  |
| IDC Contact material               | Phosphor bronze  |
| IDC coating material               | Tin (100 micro-inches)   |
| Installation                       | Patch panels, surface mount box, faceplate   |
| Protection level                   | White, Black, Yellow, Red, Blue, Green   |
| Insulation resistance              | At least 500 MΩ (at a constant voltage of 100 V)   |
| Maximum load-bearing capacity      | Up to 1000 V, 60 Hz for 1 minute   |
| Contact resistance, μΩ             | Not more than 20   |
| IDC Contact resistance, μΩ         | Not more than 2.5  |
| Permissible diameter of conductors | ~24-22 AWG (0.50-0.65 mm)  |
| Format                             | Keystone   |
| Housing material                   | High-strength non-flammable plastic, meets UL94V-0   |
| Dimensions (WxHxD), mm             | 17x19x32   |
| Packaging                          | Individual - Plastic bag   |