



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-KJSD2-FT-MT (CAT.5e) are made in fully shielded, zinc-aluminum alloy housing. After install, a shielded cable will be safely locked between a strain relief on the jack cover and a clip from the bottom, providing a full grounding with good electrical contact with the jack body. On the strain relief there is also a mount for the grounding wire.

### Ordering Table

P/N	Cat.	Type.	Individual package		Collective package		Freight package			
			Volume, m3	Weight, kg	Quantity	Dimensions, mm	Weight, kg	Quantity	Dimensions, kg	Weight, kg
NMC-KJSD2-15e		Shielded.	0.000069	0.021	150 pcs.	250x190x210	3.1	600 pcs.	515x400x230	13

## Detailed characteristics

Characteristic	Value
Category	5e
Bandwidth, MHz	100
Connection style	Fully shielded
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)
Plastic material	High-strength, non-flammable, compliant to UL94V-0
Installation	Patch panels, surface mount box, faceplate
Protection level	Metallic (nickel)
Insulation resistance	At least 500 M ohms (at a constant voltage of 100 V)
Maximum load-bearing capacity	Up to 1000 V, 60 Hz for 1 minute
Contact resistance, $\mu\Omega$	Not more than 20
IDC Contact resistance, $\mu\Omega$	Not more than 2.5
Permissible diameter of conductors	~24-22 AWG (0.50-0.65 mm)
Format	Keystone
Housing material	Zinc-aluminum alloy
Dimensions (WxHxD), mm	17x19x40
Packaging	Individual - Plastic bag