

NMC-KJSI2-BF-MT

NIKOMAX Keystone jack, Cat.8 (Class I), Tool-less, Shielded, Metallic

NIKOMAX Toolless jacks, do not require a special tool for termination. The inner inset provides convenient and high quality termination with enhanced crosstalk characteristics. The jacks are fully compatible with all NIKOMAX components. In the process of embedding, the module is sustainable and is suitable for multiple reloading if necessary. The NMC-KJSI2-BF-MT is made in a fully shielded housing made of zinc-aluminum alloy.

Ordering Table

| P/N | Cat. | Type. | Individual package | | | Collective package | | | Freight package | | |
|---------|------|----------|--------------------|-----------|---------------|--------------------|------------------|--------------|-----------------|------------------|--------------|
| | | | Quantity | Volume, m | n3 Weight, kg | Quantity | Dimensions mm | , Weight, kg | Quantity | Dimensions mm | ' Weight, kg |
| NMC-KJS | 12-8 | Shielded | 1 | 0.000154 | 0.032 | - | - | - | - | - | - |



NMC-KJSI2-BF-MT

NIKOMAX Keystone jack, Cat.8 (Class I), Tool-less, Shielded, Metallic

Detailed characteristics

| Category 8 Bandwidth, MHz 1600-2000 Connection style Fully shielded 10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 100FASE-T, 100F | Characteristic | Value | | | | |
|---|------------------------------------|---|--|--|--|--|
| Bandwidth, MHz Connection style Fully shielded 10BASE-T, 100BASE-T, 100BASE-T, 100BASE-T, 100BASE-T (for Cat. 6 and 6A), Supported applications 25GBASE-T, 40GBASE-T, ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive Warranty 5 years - extended; 25 years - as part of the certified SKS NIKOMAX 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) Tool-Less Layout diagram T568A/B IDC Contact material Phosphor bronze IDC coating material Phosphor bronze IDC coating material Phosphor bronze IDC coating material High-strength, non-flammable, compliant to UL94V-0 Metallic (nickel) 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) Housing material Plastic page Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | | | | | | |
| Connection style Fully shielded 10BASE-T, 100BASE-T4, 1000BASE-T, 100GBASE-T (for Cat. 6 and 6A), 25GBASE-T, 40GBASE-T, ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive Warranty 5 years - extended; 25 years - as part of the certified SKS NIKOMAX 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) Tool-Less Layout diagram T568A/B IDC Contact material Phosphor bronze IDC coating material Phosphor bronze IT in (100 micro-inches) Plastic material High-strength, non-flammable, compliant to UL94V-0 Metallic (nickel) Metallic (nickel) 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 20 Not more than 2.5 Permissible diameter of conductors -24-22 AWC (0.50-0.65 mm) Housing material Individual - Plastic bag Connector type Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | | • | | | | |
| 10BASE-T, 100BASE-TX, 100BASE-T, 100BASE-T, 100BASE-T, 100BASE-T, 100BASE-T, 100BASE-T, 100BASE-T, 100BASE-T, 100BASE-T, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive Warranty S years - extended; 25 years - as part of the certified SKS NIKOMAX Connector material in connector 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) Layout diagram Tool-Less Layout diagram Tool-Less Layout material IDC coating material Phosphor bronze IDC coating material Phosphor bronze High-strength, non-flammable, compliant to UL94V-0 Protection level Metallic (nickel) 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 Not more than 2.5 Permissible diameter of conductors -24-22 AWG (0.50-0.65 mm) Housing material Plastic bag Connector type R,J45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | • | | | | | |
| Supported applications 25GBASE-T, 40GBASE-T, ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive Warranty 5 years - extended; 25 years - as part of the certified SKS NIKOMAX Connector material in connector Phosphor bronze Contact coating material Sold (50 micro-inches) over nickel (100 micro-inches) Number of cable connections Not less than 750 Type of IDC contacts (seal) Layout diagram T568A/B IDC Contact material Phosphor bronze IDC coating material Phosphor bronze IDC coating material High-strength, non-flammable, compliant to UL94V-0 Protection level 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) Housing material Zinc-aluminum alloy Packaging Connector type Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | Connection style | • | | | | |
| Active, TR-16 Passive Warranty 5 years - extended; 25 years - as part of the certified SKS NIKOMAX 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) Tool-Less 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 Protection level 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) Housing material Packaging Individual - Plastic bag Connector type Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | | | | | | |
| Warranty S years - extended; 25 years - as part of the certified SKS NIKOMAX 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) Tool-Less Layout diagram IDC Contact material Phosphor bronze IDC coating material Phosphor bronze IDC coating material Tin (100 micro-inches) Plastic material High-strength, non-flammable, compliant to UL94V-0 Protection level Metallic (nickel) 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) Housing material Packaging Individual - Plastic bag Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | Supported applications | | | | | |
| 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) Tool-Less 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 Protection level Metallic (nickel) 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) Housing material Zinc-aluminum alloy Housing material Individual - Plastic bag Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | | | | | | |
| Contact coating material Number of cable connections Not less than 750 Type of IDC contacts (seal) Layout diagram T568A/B IDC Contact material Phosphor bronze IDC coating material High-strength, non-flammable, compliant to UL94V-0 Metallic (nickel) 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) Housing material Zinc-aluminum alloy Packaging Individual - Plastic bag Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | · · | | | | | |
| Number of cable connections Not less than 750 Type of IDC contacts (seal) Tool-Less 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 Protection level Metallic (nickel) 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) Housing material Zinc-aluminum alloy Packaging Individual - Plastic bag Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | Connector material in connector | Phosphor bronze | | | | |
| Tope of IDC contacts (seal) Layout diagram To68A/B IDC Contact material IDC coating material Phosphor bronze Tin (100 micro-inches) Plastic material High-strength, non-flammable, compliant to UL94V-0 Protection level Metallic (nickel) 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) Housing material Zinc-aluminum alloy Packaging Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | Contact coating material | Gold (50 micro-inches) over nickel (100 micro-inches) | | | | |
| Layout diagram T568A/B IDC Contact material Phosphor bronze Tin (100 micro-inches) Plastic material High-strength, non-flammable, compliant to UL94V-0 Protection level Metallic (nickel) Insulation resistance At least 500 M Ω (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) Housing material Zinc-aluminum alloy Packaging Connector type RJ45/8P8C Temperature range Tomperature range | Number of cable connections | Not less than 750 | | | | |
| IDC Contact material IDC coating material IDC coating material Tin (100 micro-inches) Plastic material High-strength, non-flammable, compliant to UL94V-0 Protection level Metallic (nickel) 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 A24-22 AWG (0.50-0.65 mm) Housing material Zinc-aluminum alloy Packaging Individual - Plastic bag Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | Type of IDC contacts (seal) | Tool-Less | | | | |
| Tin (100 micro-inches) Plastic material High-strength, non-flammable, compliant to UL94V-0 Protection level Metallic (nickel) 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) Housing material Zinc-aluminum alloy Packaging Individual - Plastic bag Connector type RJ45/8P8C Temperature range Tin (100 micro-inches) Tin (100 micro-inches) High-strength, non-flammable, compliant to UL94V-0 Metallic (nickel) At least 500 MΩ(at a constant voltage of 100 V) Not more than 20 Individual - 20 Individual - Plastic bag RJ45/8P8C Temperature range | Layout diagram | T568A/B | | | | |
| Plastic material High-strength, non-flammable, compliant to UL94V-0 Protection level Metallic (nickel) Insulation resistance At least 500 M Ω (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) Housing material Zinc-aluminum alloy Packaging Individual - Plastic bag Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | IDC Contact material | Phosphor bronze | | | | |
| Protection level Metallic (nickel) Insulation resistance At least 500 M Ω (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) Housing material Zinc-aluminum alloy Packaging Individual - Plastic bag Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | IDC coating material | Tin (100 micro-inches) | | | | |
| 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, $\mu\Omega$ 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) Housing material Zinc-aluminum alloy Packaging Individual - Plastic bag Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | Plastic material | High-strength, non-flammable, compliant to UL94V-0 | | | | |
| Maximum load-bearing capacityUp to 1000 V, 60 Hz for 1 minuteContact resistance, μΩNot more than 20IDC Contact resistance, μΩNot more than 2.5Permissible diameter of conductors~24-22 AWG (0.50-0.65 mm)Housing materialZinc-aluminum alloyPackagingIndividual - Plastic bagConnector typeRJ45/8P8CTemperature rangeStorage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | Protection level | Metallic (nickel) | | | | |
| 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) Housing material Zinc-aluminum alloy Packaging Individual - Plastic bag Connector type RJ45/8P8C Temperature range Not more than 20 Not more than 20 Indeed the second secon | Insulation resistance | At least 500 MΩ(at a constant voltage of 100 V) | | | | |
| IDC Contact resistance, μΩ Not more than 2.5 Permissible diameter of conductors ~24-22 AWG (0.50-0.65 mm) Housing material Zinc-aluminum alloy Packaging Individual - Plastic bag Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | Maximum load-bearing capacity | Up to 1000 V, 60 Hz for 1 minute | | | | |
| Permissible diameter of conductors ~24-22 AWG (0.50-0.65 mm) Housing material Zinc-aluminum alloy Packaging Individual - Plastic bag Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | Contact resistance, μΩ | Not more than 20 | | | | |
| Abousing material Zinc-aluminum alloy Packaging Individual - Plastic bag Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | IDC Contact resistance, μΩ | Not more than 2.5 | | | | |
| Packaging Individual - Plastic bag Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | Permissible diameter of conductors | ~24-22 AWG (0.50-0.65 mm) | | | | |
| Connector type RJ45/8P8C Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | Housing material | Zinc-aluminum alloy | | | | |
| Temperature range Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | Packaging | Individual - Plastic bag | | | | |
| | Connector type | RJ45/8P8C | | | | |
| Compliance Exceeds standards: ISO / IEC 11801, EN 50173 and TIA / EIA-568 | Temperature range | Storage from -40 to +70 °C. Installation from 0 to +50 °C. Operation from -10 to +60 °C | | | | |
| | Compliance | Exceeds standards: ISO / IEC 11801, EN 50173 and TIA / EIA-568 | | | | |