

## NMC-PC4SE55B-xxx-C-zz

Patch cord, shielded, category 6, LSZH, 0.3-20 m, 7 color options



Patch cords are used in any cable system and are designed for the connection of communication lines with active network equipments, and also for connecting of computers in the workplace to the network device. They provide high connection reliability and allow to quickly change to any connection needs.

Patch cords are made from stranded cables, terminated with connectors such as RJ45 /8P8C compliant with T568B standard. NIKOMAX patch cord connectors are protected by boot cover, which significantly increases service life of a patch cord with latch protection.

Each NIKOMAX Category 6 patch cord and above are checked 100% with Fluke DSX during production. This ensures both performance and full compliance with the most stringent requirements of large reserves of transmission characteristics and reliable performance throughout the life cycle.

### Ordering Table

| P/N            | Type | Cat. | Length, m | Individual package |            | Collective package |            |            | Freight package |                |            |
|----------------|------|------|-----------|--------------------|------------|--------------------|------------|------------|-----------------|----------------|------------|
|                |      |      |           | Volume, m3         | Weight, kg | Quantity           | Volume, m3 | Weight, kg | Quantity        | Dimensions, mm | Weight, kg |
| NMC-PC4SES/FTP | 6    | 0.3  | 0.000211  | 0.028              | 10 pcs.    | 0.002100           | 0.281      | 300 pcs.   | 520x420x29      | 9.4            |            |
| NMC-PC4SES/FTP | 6    | 0.5  | 0.000254  | 0.043              | 10 pcs.    | 0.002536           | 0.431      | 200 pcs.   | 520x420x29      | 9.6            |            |
| NMC-PC4SES/FTP | 6    | 1.0  | 0.000338  | 0.058              | 10 pcs.    | 0.003376           | 0.585      | 150 pcs.   | 520x420x29      | 9.8            |            |
| NMC-PC4SES/FTP | 6    | 1.5  | 0.000422  | 0.079              | 10 pcs.    | 0.004224           | 0.788      | 120 pcs.   | 520x420x29      | 10.2           |            |
| NMC-PC4SES/FTP | 6    | 2.0  | 0.000506  | 0.102              | 10 pcs.    | 0.005064           | 1.022      | 100 pcs.   | 520x420x29      | 11.2           |            |
| NMC-PC4SES/FTP | 6    | 3.0  | 0.000634  | 0.148              | 10 pcs.    | 0.006336           | 1.480      | 80 pcs.    | 520x420x29      | 12.8           |            |
| NMC-PC4SES/FTP | 6    | 5.0  | 0.001014  | 0.230              | 10 pcs.    | 0.010136           | 2.296      | 50 pcs.    | 520x420x29      | 12.5           |            |
| NMC-PC4SES/FTP | 6    | 7.5  | 0.001266  | 0.344              | 10 pcs.    | 0.012664           | 3.438      | 40 pcs.    | 520x420x29      | 14.8           |            |
| NMC-PC4SES/FTP | 6    | 10.0 | 0.001448  | 0.422              | 10 pcs.    | 0.014480           | 4.223      | 35 pcs.    | 520x420x29      | 15.8           |            |
| NMC-PC4SES/FTP | 6    | 15.0 | -         | -                  | 10 pcs.    | -                  | -          | -          | 520x420x29      | -              |            |
| NMC-PC4SES/FTP | 6    | 20.0 | -         | -                  | 10 pcs.    | -                  | -          | -          | 520x420x29      | -              |            |

## Detailed characteristics

| Characteristic              | Value  |
|-----------------------------|--|
| Category                    | 6  |
| Bandwidth, MHz              | 250  |
| Type of conductors          | Stranded   |
| Diameter of conductors, AWG | 26 (7 x 0.165 ± 0.01 mm)   |
| Insulation material         | PE foam  |
| Outer jacket material       | LSZH   |
| Connection style            | Shielded   |
| Outer jacket diameter, mm   | 6.2 ± 0.3  |
| Jacket color                | 7 colors   |
| 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, 10GBASE-T, ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive  |
| Temperature ranges          | Storage from -20 to +60 °C. Installation from 0 to +50 ° C. Operation from -20 to +50 °C   |
| Individual packing          | Plastic bag  |
| Warranty                    | 1 year   |
| Layout diagram              | T568B on both ends   |
| Connector type              | 2xRJ45/8P8C  |
| Contact plating             | Gold, 50 micro-inches  |
| Protective cap              | Gelled, with latch protection  |
| Cable type                  | S/FTP  |
| Screen construction         | Internal screen: polyester aluminum foil with 100% coating, individual for each pair. The general screen: a braid of tinned copper wire 16x5x0.1 mm with a coverage area of at least 55% |
| Number of pairs             | 4  |