

**NMC-PC4SI55B-xxx-C-YL**

S/FTP Patch cord 4 Pairs, Cat.8 (Class I), LSZH ng(A)-HFLTx, Yellow, 1-5 m



Patch cords are designed to connect the ports of patch panels and active network equipment to each other, as well as to connect computers at workplaces to switching sockets. Patch cords provide high reliability of the connection, and allow, if necessary, quickly re-switching.

The patch cords of the NMC-PC4SI55B-xxx-C-YL consist of a piece of shielded multicore patch cable terminated with RJ45 / 8P8C connectors, correspond to category 8 (1600-2000 MHz) and are intended for use in communication lines with a 40 Gbit/s data transfer rate. The cable is routed in patch cords according to the T568B standard. The cable attachment point is protected by a filler cap, which significantly increases the service life of the patch cord. The caps are provided with protection of the connectors latches. Patch Cords are made with a yellow jacket, lengths from 1 to 5 meters.

**Ordering Table**

P/N	Cat.	Type of connector	Connection style	Length, m	Color	Volume, m3	Weight, kg
NMC-PC4SI55B-018		2xRJ45/8P8C	Shielded	1	Yellow	-	-
NMC-PC4SI55B-028		2xRJ45/8P8C	Shielded	2	Yellow	-	-
NMC-PC4SI55B-038		2xRJ45/8P8C	Shielded	3	Yellow	-	-
NMC-PC4SI55B-058		2xRJ45/8P8C	Shielded	5	Yellow	-	-

## Detailed characteristics

Characteristic	Value
Category	8
Bandwidth, MHz	1600 - 2000
Type of conductors	Stranded
Diameter of conductors, AWG	24 AWG (7x0.195)
Insulation material	Polyethylene foam (PE foam)
Outer jacket material	LSZH
Connection style	Shielded
Outer jacket diameter, mm	7.4
Compliance	Exceeds standards: ISO / IEC 11801, EN 50173 and TIA / EIA-568
Supported applications	10BASE-T, 100BASE-TX, 100BASE-T4, 1000BASE-T, 10GBASE-T, 25GBASE-T, 40GBASE-T, ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive
Individual packing	Individual - Plastic bag
Connector type	2xRJ45/8P8C
Layout diagram	T568B on both ends
Protection level	Yellow
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
Warranty	1 year
Temperature range	Storage from -20 to +60°C. Installation from 0 to +50°C. Operation from -20 to +60°C.
Outer diameter of conductor insulation, mm	1.4