



Patch cords are widely used in any cable system and are designed to connect communication lines with active network equipment, as well as to connect computers at workplaces to switching sockets. They provide high reliability of the connection and allow, if necessary, quickly re-switching.

Patch cords consist of a piece of stranded patch cable terminated with RJ45 / 8P8C type connectors. The cable is routed in patch cords according to the T568B standard. The connector attachment point in NIKOMAX patch cords is protected by a filler cap, which significantly increases the service life of the patch cord. The caps are additionally equipped with snap protection.

Each NIKOMAX patch cord of category 6 and higher is 100% tested on Fluke DSX testers during production. This allows you to guarantee not only their performance, but also full compliance with the most stringent requirements, large reserves of transfer characteristics and reliable operation during the entire service life. Cords of category 5e undergo random testing.

### 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
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	-	-	-	-	-	-	520x420x29(-
NMC-PC4SES/FTP		6	20.0	-	-	-	-	-	-	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	Polyethylene foam (PE foam)
Outer jacket material	Fireproof Polyvinyl Chloride (FR-PVC)
Connection style	Shielded
Outer jacket diameter, mm	6.2 ± 0.3
Jacket color	Gray
Compliance	Exceeds the requirements of standards: GOST R 54429, ISO / IEC 11801, EN 50173 and TIA / EIA-568
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: 100% coated polyester aluminum foil, individual for each pair. Overall screen: tinned copper wire braid 16x5x0.1 mm with a coating area of at least 55%
Number of pairs	4