



Cable 8 categories - the latest addition to the model range of the 9th series. Individual shielding of each pair (S / FTP, F / FTP) additionally protects against cross-flooding inside the cable, which guarantees the stable operation of the latest high-speed applications at frequencies up to 2000 Mhz.

The NKL 9385C-YL cable is made in a shielded version of S / FTP, it corresponds to categories 8 and is intended for internal installation. The outer shell is made of an unsupportable burning of the LSZH-compound, low-smoke and is not a release of toxic compounds in the combustion process, the performance of ng (A) -HFLTx.

All products of the 9th series are delivered on a drum, guaranteed safety during transportation, constant characteristics and convenience of work during unwinding and installation. These cables are used to build cable networks based on NIKOMAX CKC.

### Ordering Table

P/N	Number of pairs	Category	Type	Application	Color	Length, m	Packaging	Sizes, mm	Volume, m3	Weight, kg
NKL 9385C-YL	4	8	S/FTP	Indoor, LSZH	Yellow	500	-	-	-	-

## Detailed characteristics

Characteristic	Value
Category	8
Bandwidth, MHz	2000
Type	S/ FTP
Number of pairs	4
Material of conductors	Copper
Type of conductors	Solid
Diameter of conductors, AWG	22 AWG (0.63 ± 0.005 mm)
Insulation material	Foamed polyethylene (PE Foam)
Insulation conductor thickness, mm	0.43 ± 0.02 mm
Diameter of conductor insulation, mm	1.65 ± 0.05
Outer jacket material	LSZH-compound
Application	For Indoor installation
Jacket thickness, mm	0.75 ± 0.05 mm
Outer jacket diameter, mm	8.4 ± 0.2 mm
Jacket color	Yellow
Screen construction (common screen)	Braid made of tinned copper wire with a coating area of at least > 30%
Protective film	-
Ripcord	-
Mass density (kg) per unit length (km)	58.2 ± 0.5 kg/km
Radius of bending during laying	At least 8 cable diameters
Radius of bending during operation	At least 4 cable diameters
Maximum tensile strength	Not more than 100 N
Characteristic impedance, ohms	100 ± 15 Ω
Nominal velocity of propagation (NVP)	0.78 ± 0.1
Max. Conductor resistance(DC), ohms/km	≤ 93.8 Ω/km
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, 25GBASE-T, 40GBASE-T, ATM-25, ATM-51, ATM-155, 100VG-AnyLan, TR-4, TR-16 Active, TR-16 Passive
Individual screen design	100% coverage of Polyester aluminum foil
Temperature range	Storage from -20 to +60 ° C. Installation from 0 to +50 ° C. Operation from -20 to +60 ° C
Number of ports for main cables	Extended - 15 years. 25 years - As part of a certified NIKOMAX SCS.
Length	500 m
Execution	ng(A)-HFLTx
Individual package	Wooden Drum