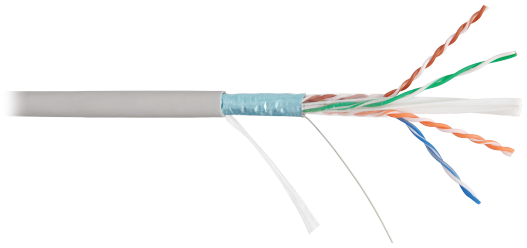
NKL 4240A-GY

NIKOLAN F / UTP cable, 4 pairs, Cat.6, 23 AWG, Indoor, PVC, 305 M



NIKOLAN 4 Series cables provide excellent performance at a reasonable price, which makes them the best choice for building networks in projects that do not require system support. The range of internal cables includes shielded (F / UTP) and unshielded (U / UTP) category cables 5, 5e and 6 with PVC or LSZH-coma pockets. Depending on the specific model, the internal cables of the 4th series are delivered in "easy-pull box" cartons or on plywood drums. Unshielded cables (U / UTP) are the most popular and easy to install type of cable, but they do not have protection against electromagnetic interference. When laying in close proximity to the power lines, it is recommended to refer to shielded solutions.

Ordering Table

P/N	Number of pairs	Category	Type	Application	Color	Length, M	Volume, m3	Weight, kg
NKL 4240A-GY	4	6	F/UTP	Indoor, PVC	Gray	305	0.0300	17.3

NKL 4240A-GY

NIKOLAN F / UTP cable, 4 pairs, Cat.6, 23 AWG, Indoor, PVC, 305 M

Detailed characteristics

Characteristic	Value
Category	6
Bandwidth, MHz	250
Type	F/UTP
Number of pairs	4
Material of conductors	Copper
Type of conductors	Solid
Diameter of conductors, AWG	23 AWG (0.57 ± 0.01 mm)
Insulation material	High Density Polyethylene (HDPE)
Insulation conductor thickness, mm	0.25 ± 0.02
Diameter of conductor insulation, mm	1.08 ± 0.05
Outer jacket material	Polyvinyl chloride (PVC)
CPR Class	Eca
Application	For Indoor Installation
Jacket thickness, mm	0.6 ± 0.05
Outer jacket diameter, mm	7.4 ± 0.3
Jacket color	Gray
Screen construction (common screen)	Polyester aluminum foil with 100% coverage, laid in Constant contact with a monolithic drainage conductor (26 AWG)
Protective film	Yes
Ripcord	Yes
Mass density (kg) per unit length (km)	49.2 ± 0.5
Radius of bending during laying	At least 8 cable diameters
Radius of bending during operation	At least 4 cable diameters
Maximum tensile strength	No more than 80 N
Characteristic impedance, ohms	100 ± 15
Nominal velocity of propagation (NVP)	0.70 ± 0.1
Max. Conductor resistance(DC), ohms/km	≤ 95
Length, M	305
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 (For Cat.6), 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 +60 ° C
Individual packing	Plywood drum
Package dimensions (LxW or W x H x D), mm	370x250
Warranty	Component warranty - 5 years, system warranty - 15 years