

NKL 4555C-OR – LSZH Jacket, Orange

NIKOLAN Cable S/FTP 4 pairs,
Cat.6A, Indoor, 23 AWG, Solid,
500 MHz, 500 m

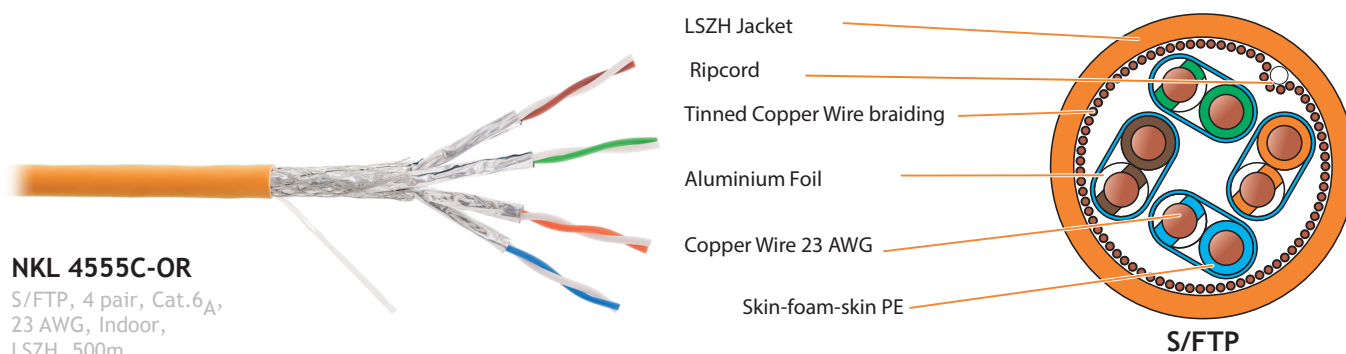
✓ Exceed the requirements of
ISO / IEC 11801, EN 50173
and ANSI / TIA / EIA-568

✓ Shielded Design

Four-pair Category 6A twisted pair cable is designed to use in high-speed data transmission systems at speed up to 10 Gbit/s.

NKL 4555C-OR Category 6A cable is shielded S/FTP, and designed for indoor cabling. The outer jacket is made of LSZH.

NIKOLAN 4th series cables offer excellent performance at reasonable price which makes them the best choice for networking projects that do not require system support.



NKL 4555C-OR

S/FTP, 4 pair, Cat.6A,
23 AWG, Indoor,
LSZH, 500m

Marking:

NIKOMAX NETWORK SOLUTIONS /// NIKOLAN NKL 4555C-OR S/FTP
SOLID CABLE 4P CATEGORY 6A 23AWG LSZH (Hr(A)-HFLT x) ISO/IEC
11801 & EN 50173 & ANSI/TIA-568-C.2 NVP 0.74



The manufacturer reserves the right to alter the appearance and characteristics of the product, without compromising the product's functionality

Specification

| | NKL 4555C-OR |
|--|---|
| Category | 6A |
| Bandwidth (MHz) | 500 MHz |
| Type of cable | S/FTP |
| Number of pairs | 4 |
| Conductor material | Copper |
| Type of conductor | Solid |
| Diameter of wire (mm) | 23AWG (0.560 ± 0.005 mm) |
| Material of conductor insulation | Polyethylene Foam (PE foam) |
| Thickness of conductor insulation | 0.38 ± 0.02 mm |
| Diameter of wire insulation | 1.330 ± 0.05 mm |
| Material of outer jacket | LSZH |
| Area of application | Indoor |
| Jacket Thickness | 0.55 ± 0.05 mm |
| Outer diameter of jacket | 7.5 ± 0.3 mm |
| Jacket color | Orange |
| Individual shielding | Al/PES foil, 100% coverage, paved with a solid drain wire |
| Shielding | Braid made of tinned copper, with at least 30% coverage |
| Protective film | - |
| Ripcord | YES |
| Mass density (kg) per unit length (km) | 55.0 ± 0.5 |
| Min. bending radius during cabling | Not less than 10 times the cable diameter |
| Min. bending radius during operation | Not less than 8 times the cable diameter |
| Max. tensile strength, N | Max 100 N |
| Characteristic impedance, ohms | 100 ± 15 Ω |
| Nominal velocity of propagation (NVP) | 74% |
| Max. conductor resistance(DC), ohms/km | ≤ 93.8 Ω/km |
| Length, m | 500 |
| Compliance | ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2, REACH |
| Application | 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 range | Storage from -20 to +60 ° C. Installation from 0 to +50 ° C. Operation from -20 to +60 ° C |
| Individual packing | Wooden Drum |
| Package dimensions (WxH or WxHxD), mm | 370 x 250 |
| Warranty | Component warranty - 5 years, system warranty - 15 years |

Ordering Table

| Part Number | Pairs | Category | Type | Jacket Material | Color | Length, m | Volume, m ³ | Weight, kg |
|--------------|-------|----------|-------|-----------------|--------|-----------|------------------------|------------|
| NKL 4555C-OR | 4 | 6A | S/FTP | LSZH | Orange | 500 | - | - |

Other package options available by request.

Package Content

Copper Cable 500 m