

# N-LINE CAT. 6 U/UTP

N-LINE Cat6 U/UTP 16-100 krt.

Nexans Ref.: 10574190

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Halogen-free corrugated installation PP conduit. Un-shielded Cat 6 data cable with 4 pairs in star alignment with center cross divider. Sheath and insulation are made of flame retarded halogen-free material.

## DESCRIPTION

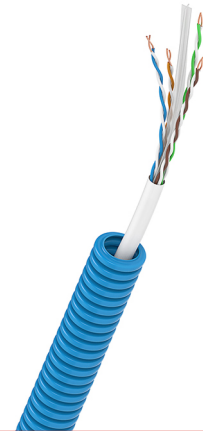
Pre-wired Category 6 U/UTP cable in corrugated conduit. It is produced with either one white CAT. 6 U/UTP in 16 mm conduit or two white (one cable will be marked) CAT. 6 U/UTP in 20 mm conduit. Thanks to the center cross in the cable's core, a performance level that exceeds current standards is guaranteed. Sheath and insulation are made of halogen-free material. The cable meets fire requirements according to CPR class Dcas2d2a2. In the event of a fire, the cable emits no corrosive gases and has little smoke.

The halogen-free PP (polypropylene) corrugated conduits are intended for recessed installation, laying on cable ladders and casting in concrete. The product will be delivered in a flexible and user-friendly packaging, Cable Guy, that simplifies the installation work significantly, alternatively on the cable drum that fits in Nexans' drum trolley, Cable Walker.

### CATEGORY 6 U/UTP OPTIONS:

Single run Cat 6 U/UTP LSZH in 16mm Blue conduit

Dual run (2x) Cat 6 U/UTP LSZH in 20mm Blue conduit



## DECLARATION OF PERFORMANCE

Dca-s2,d2,a2

## STANDARDS

International EN 50173;  
IEC 61156-5; ISO/IEC 11801

National ANSI/TIA-568-C.2



Conductor flexibility  
Solid



Lead free  
Yes



Rated Voltage Uo/U (Um)



Flame retardant  
IEC 60332-1



Max. conductor temp. in service  
- °C



RoHS compliant  
Yes

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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## CHARACTERISTICS

### Construction characteristics

Conductor flexibility	Solid
Conductor material	23 AWG Solid Bare Copper
Conductor shape	Circular
Conduit colour	Blue
Core identification	
Insulation	
Lead free	Yes
Type of conductor	
With Green/Yellow core	No

### Dimensional characteristics

Approximate weight	- kg/100m
Conductor diameter	- mm
Approximate weight	- kg/km
Conductor cross-section	- mm <sup>2</sup>
Conduit diameter	16 mm
Nominal outer diameter	- mm
Number of cores	-

### Electrical characteristics

Rated Voltage U<sub>o</sub>/U (U<sub>m</sub>)

### Mechanical characteristics

Conduit cold impact (IEC-EN 61386-1)	-25 °C
Conduit compression resistance (ICTA-3)	750 N

### Usage characteristics

Conduit fire resistance (IEC-EN 61386-1)	Yes
Flame retardant	IEC 60332-1
Length	100 m
Max. conductor temperature in service	- °C
RoHS compliant	Yes