

Essential-6 Cable

Contact
Communications Department
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Construction U/UTP Compliancy with the latest Cat6 standards Application Class E, bandwidth up to 250 MHz

DESCRIPTION

The Nexans Essential-6 cable line is the 250MHz bandwidth offer for Class E applications up to 1Gbits. Nexans ESSENTIAL Cat6 U/UTP cables are designed for horizontal and vertical applications in structured cabling networks to connect the user outlet to the administration panel or to interconnect administration panels. Their application is focused on today's Gigabit Ethernet data networks operating at 250MHz, Class E.

APPLICATION

- FAST ETHERNET 100BASE-TX
- GIGABIT ETHERNET 1000BASE-T
- TOKEN RING (100 Mbps)
- ATM LAN (155 & 622 Mbps)
- ISDN
- POE - POWER OVER ETHERNET
- POE+ - POWER OVER ETHERNET PLUS
- ANALOG AND DIGITAL COMMUNICATION FOR VIDEO AND VOICE

CONSTRUCTION

- Category 6 U/UTP;
- PVC CM or LSZH;
- 4 pairs twisted according to the blue/light blue, orange/ white, green/light green, brown/light brown color pattern;
- 23 AWG;
- Composed by bare copper conductors, insulated in high density thermoplastic polyethylene;
- Available in 7 standard colors Blue, Red, Gray, Black, White, Yellow and Green (other colors upon request);
- Cable with crossfiler which maintains the equidistance of the pairs and reduces the loss of performance in the curves;

INSTALLATION

Environment: Indoor - non aggressive

APPLICABLE STANDARDS

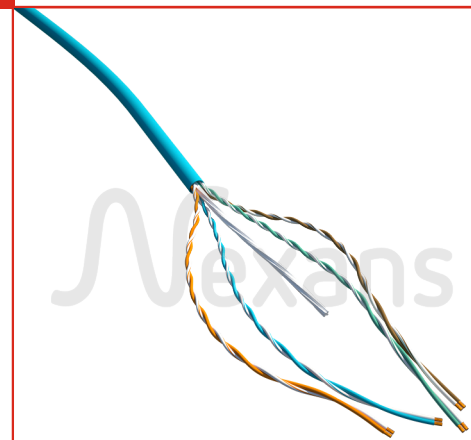
Internacional:

- RoHS Directive

The product complies with the RoHS Directive restricting the use of heavy metals in product manufacturing and environmental preservation.

Nacional:

- ABNT NBR 14565
- ABNT NBR 14703
- ABNT NBR 14705



STANDARDS

International IEC 61156-5; ISO/IEC 11801

National ANSI/TIA 568.2-D

CERTIFICATIONS

- UL Listed
- ANATEL

PACKAGING

- Box (305m)

CABLE LABEL

NEXANS ESSENTIAL CABLE CATEGORY 6 U/UTP 23AWG 4PAIRS
RoHS COMPLIANT 75C ANSI/TIA 568.2-D "SEMANA/ANO" "1 a 305 m"
ANATEL **yyyyy-yy-yyyyy**

x:CM | LSZH

yyyyy-yy-yyyyy: CM : 02081-11-05519

yyyyy-yy-yyyyy: LSZH : 02088-11-05519

WARRANTY

- 02 years (Consult our 25 years extended warranty programme).

CHARACTERISTICS

Construction characteristics

Type of cable U/UTP

Usage characteristics

Length 305 m

Installation type Indoor

PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Outer sheath	Colour
☎ N100.662x10	-	ESS CAT6 U/UTP LSZH 4P 23AWG AZC 305	LSZH	Blue
📦 N100.662730	17483	ESS CAT6 U/UTP CM 4P 23AWG CZC 305	PVC - CM	Grey
📦 N100.662430	17484	ESS CAT6 U/UTP CM 4P 23AWG VM 305	PVC - CM	Red
📦 N100.664730	17551	ESS CAT6 U/UTP LSZH 4P 23AWG CZ 305	LSZH	Grey
📦 N100.664430	17636	ESS CAT6 U/UTP LSZH 4P 23AWG VM 305	LSZH	Red
📦 N100.662330	17568	ESS CAT6 U/UTP CM 4P 23AWG AZC 305	PVC - CM	Blue

☎ = Make to order, 📦 = In stock,

NOMENCLATURA CABOS CAT. 6 U/UTP

N100.66xx0

