

CABLE TECHNICAL DATA SHEET



NET6LUT UTP Cat6 LSZH 4X2X23AWG

Description

Data cable 4X2X23AWG Cat. 6, HDPE insulation and halogen free (LSZH) jacket with stripping cord.

Use

IP Networks and CCTV installations.

Mechanical characteristics

Conductors

# Conduct.	Section	Materials
8	1X23AWG	Bare copper

Insulation

Material	Thickness	Diameter	Colors
HDPE	>0.20mm	0.96mm	Blue - White / Blue - Orange - White / Orange Green - White / Green - Brown - White / Brown

Shielding

Nr.	Type	Materials	Coverage
-	-	-	-

Drainage

Section	Thickness	Material
-	-	-

Jacket

Material	Thickness	Diameter	Color
LSZH	>0.60mm	5.90mm	White

Operating temperature -15°C + 70°C

Bending radius 8X ϕ

Electrical characteristic

Frequency	RL	ATT(20°C)	NEXT	PHASE DELAY	PSNEXT	ELFEXT	PSELFEXT
(MHz)	≥dB	≤dB	≥dB	≤ns	≥dB	≥dB	≥dB
1	20	2.03	74.3	570	72.3	67.8	64.8
4	23	3.78	65.3	552	63.3	55.8	52.8
8	24.5	5.32	60.8	546.73	58.8	49.7	46.7
10	25	5.95	59.3	545.38	57.3	47.8	44.8
16	25	7.55	56.2	543	54.2	43.7	40.7
20	25	8.47	54.8	542.05	52.8	41.8	38.8
25	24.3	9.51	53.3	541.2	41.3	39.8	36.8
31.25	23.6	10.67	51.9	540.44	49.9	37.9	34.9

Headquarter

Eraya S.r.l.
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40129 - Bologna (Italy)

Operational Branch

Eraya S.r.l.
Via E. Fermi s.n.c.
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62.5	21.5	15.38	47.7	538.55	45.4	31.9	28.9
100	20.1	19.8	44.3	537.6	42.3	27.8	24.8
200	18	28.98	39.8	536.54	37.8	21.8	18.8
250	17.3	32.85	38.3	536.27	36.3	19.8	16.8

Regulations conformity

ISO / IEC 11801, EIA / TIA 568, EN-50173, EN 60332-1-2, EN 60332-1-1, CEI 36762.

Marking

eRaya IPNET NET6LUT/305 UTP CAT6 4X2X23AWG LSZH – ISO/IEC 11801 – EN50573 ANSI/TIA-568C.2 - C-4 (Uo=400V) – CEI UNEL 36762- CPR Eca – “lot” – “mt”

Installation

Installation in conduits or cable trays indoor, together with electrical cables, classification CPR Eca.

Codes/Models

Code	Description	Packaging	Weight
NET6LUT/305	UTP Cat6 4X2X23AWG LSZH	Pull box 305 mt	12.20 Kg/box

Eraya Srl reserves the right to modify the technical characteristics, if necessary, without notification.

Ancona, 05/06/2023



Declaration of Performance (DoP) N. NET6LUT/2023

1. Unique identification code of the product:

NET6LUT/305 - NET6LUT/1000

2. Type, batch or serial number or any other element allowing identification of the product as required under Article 11(4):

UTP Cat6 data cable

3. Intended use or uses of the construction product:

Control and communication cables - Cables for general application in construction works subjected to reaction to fire requirements.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under article 11(5) :

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60027 Osimo (AN)

5. Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

ERAYA SRL

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

AVPC: 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

Standard: EN 50575:2014 + A1:2016
Notified body: 0987 – LAPI SPA

8. Declared performance:

Flame propagation: **Eca**
Dangerous substances: **NONE**

Notified product certification body N. 0987 performed the determination of product type. This declaration of responsibility is issued, in accordance with Regulation UE No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signature:

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