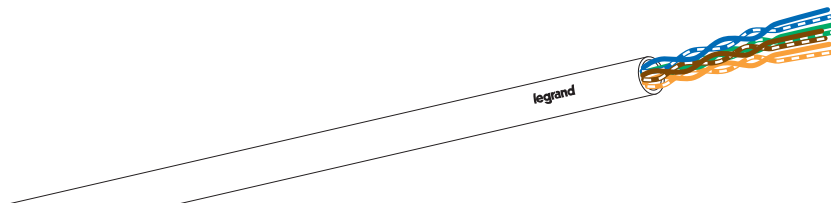


Cat.6 U/UTP LSZH cable for local networks LINKEO

Catalogue number(s) : 6 327 25

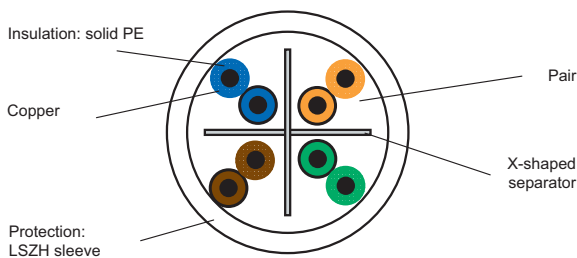


1. USE

Cable for high-speed VDI transmission networks

PoE applications compatible

2. DESCRIPTION



3. MARKING AND PACKAGING

Marking of Legrand cables

- LEGRAND
- Catalogue number
- Number of pairs
- Gauge
- Type
- Impedance
- Type of sleeve
- Category
- Frequency
- Conformity to standards
- EUROCLASS Eca
- Velocity of propagation
- Batch number
- Traceability
- Measurement (remaining length in metres).
- Made in.....

4. PERMANENT LINK PERFORMANCE AT 250 MHZ (STAND. ISO/IEC 11801)

| | |
|--------------------------|----------|
| Reference | 6 327 25 |
| Maximum attenuation (dB) | 31,1 |
| Minimum NEXT (dB) | 35,3 |
| PS NEXT (dB) | 32,7 |
| ACRF (dB) | 16,2 |
| PS ACRF (dB) | 13,2 |
| Return Loss (dB) | 10 |

5. TECHNICAL AND MECHANICAL FEATURES

| | |
|--------------------------------------|-------------|
| Catalogue number | 6 327 25 |
| Type | U/UTP |
| Type of sleeve | LSZH |
| Number of pairs | 4 |
| Assembly | Pairs |
| Diameter over insulation (mm) | 0,85 ± 0,05 |
| Cable diameter (mm) | 5,5 ± 0,3 |
| Weight of cable (kg/km) | 32 |
| Min. bending radius when laying (mm) | 23 |
| AWG gauge* | 24 |

* According to UL 444 ed.3 table 4

6. ELECTRICAL FEATURES AT 20°C

| | |
|---|----------------|
| Catalogue number | 6 327 25 |
| Type | U/UTP |
| Maximum linear resistance (ohm/km) | ≤145* |
| DC dielectric strength | 1 KV / 1 min * |
| Minimum insulation resistance (Mohm.km) | 5000 |
| Minimum propagation speed | 66 % |
| Characteristic impedance at 100 MHz | 100Ω ±15% |

* According to standard IEC 61156-5

7. ORDERING INFORMATION

| | |
|------------------|----------------|
| Catalogue number | 6 327 25 |
| Type | U/UTP |
| Colour | White RAL 9010 |
| Pack (m) | 305 |
| Packaging | Box |

8. ENVIRONMENTAL FEATURES

Transport temperature: 0 at + 50 °C
Storage temperature before use: 10°C during 24h (if stock ≤ 5°C)
Usage temperature: – 20 to + 60 °C

Fire rating:
IEC 60332-1-2, EN 60332-1-2
Smoke density : IEC 61034-2, EN 61034-2
Toxicity of fire effluent : IEC 60754-2, EN 60754-2

EUROCLASS EN 13501-6 = Class Eca

9. STANDARDS AND APPROVALS

Cat 6, 250 MHz
ANSI/TIA 568-C.2
EN 50173-1
ISO/IEC 11801 (ed 2.2)
IEEE 802.3af : PoE