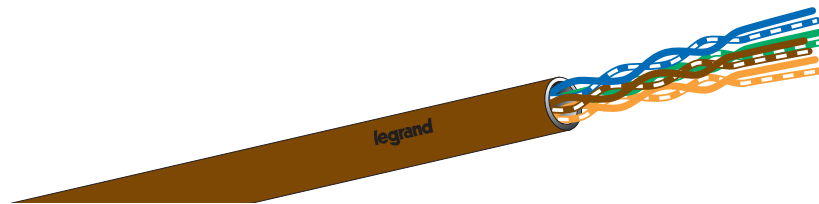


Cat.5e U/UTP LSZH LINKEO cable for local networks

Catalogue number(s) : 6 327 16

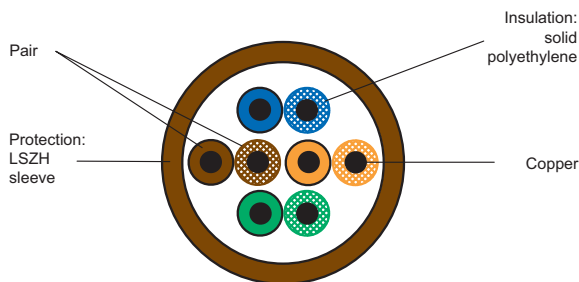


1. USE

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
- Conformity to standards
- EUROCLASS
- Velocity of propagation
- Traceability
- Measurement (remaining length in metres).

Complementary marking (on label)

- Designation
- Made in....

4. PERMANENT LINK PERFORMANCE AT 100MHZ (STAND. ANSI/TIA 5682-D)

Reference	6 327 16
Maximum attenuation (dB)	21
Minimum NEXT (dB)	32,3
PS NEXT (dB)	29,3
ACRF (dB)	18,6
PS ACRF (dB)	15,6
Return Loss (dB)	12

5. TECHNICAL AND MECHANICAL FEATURES

Catalogue number	6 327 16
Type	U/UTP
Type of sleeve	LSZH
Number of pairs	4
Assembly	Pairs
Diameter over insulation (mm)	0,87±0,05
Average nominal diameter of the cable (mm)	5 ± 0,5
Weight of cable (kg/km)	36
Min. bending radius when laying (mm)	22
AWG gauge*	25

* According to UL 444 ed.3 table 4

6. ELECTRICAL FEATURES AT 20°C

Catalogue number	6 327 16
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	67 %
Characteristic impedance at 100 MHz	100Ω ±15%

* According to standard IEC 61156-5

7. ORDERING INFORMATION

Catalogue number	6 327 16
Type	U/UTP
Colour	Brown RAL 8024
Pack (m)	305
Packaging	Box

8. ENVIRONMENTAL FEATURES

Transport and storage temperature: -20 at + 60 °C
Storage temperature before installation: 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 5e, 100 MHz
Electrical performances and characteristics :
- ANSI/TIA 568.2-D
- EN 50173-1
- ISO/IEC 11801 (ed 2.2)
PoE : IEEE 802.3af