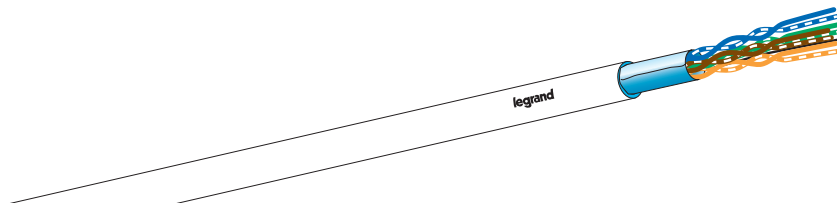


Cat.6 F/UTP LSZH cable for local networks LINKEO

Catalogue number(s) : 6 327 27

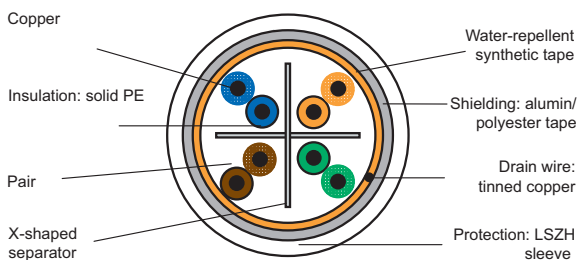


1. USE

Cable for high-speed VDI transmission networks

PoE applications compatible

2. DESCRIPTION



Note: The conductive part of the shielding is located on the wire side

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
- Velocity of propagation
- Traceability
- Measurement (remaining length in metres).
- Made in.....

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

Reference	6 327 27
Maximum attenuation (dB)	30,7
Minimum NEXT (dB)	35,3
PS NEXT (dB)	32,7
ACRF (dB)	16,2
PS ACRF (dB)	13,2
Return Loss (dB)	10

* Guaranteed performances for a maximum recommended length of 80m

5. TECHNICAL AND MECHANICAL FEATURES

Catalogue number	6 327 27
Type	F/UTP
Type of sleeve	LSZH
Number of pairs	4
Assembly	Pairs
Diameter over insulation (mm)	1,01 ± 0,05
Cable diameter (mm)	6,8 ± 0,3
Weight of cable (kg/km)	46
Min. bending radius when laying (mm)	57
AWG gauge*	24

* According to UL 444 ed.3 table 4

6. ELECTRICAL FEATURES AT 20°C

Catalogue number	6 327 27
Type	F/UTP
Maximum linear resistance (ohm/km)	≤145*
DC dielectric strength	1 KV / 1 min *
Minimum insulation resistance (Mohm.km)	5000
Minimum propagation speed	65 %
Characteristic impedance at 100 MHz	100Ω ±15%

* According to standard IEC 61156-5

7. ORDERING INFORMATION

Catalogue number	6 327 27
Type	F/UTP
Colour	White RAL 9010
Pack (m)	305
Packaging	Box

8. ENVIRONMENTAL FEATURES

Transport and storage 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
 Electrical performances and characteristics :
 - EN 50173-1
 - ISO/IEC 11801 (ed 2.2)
 PoE : IEEE 802.3af