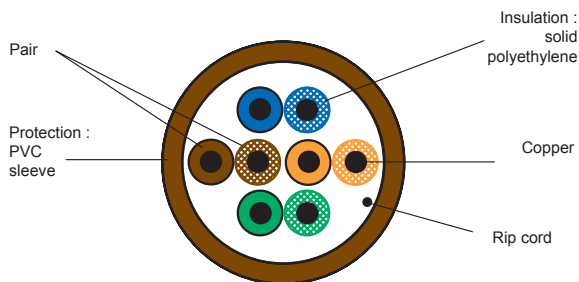


### 1. USE

Cable for high-speed VDI transmission networks

PoE and 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. LINK PERFORMANCE AT 100 MHZ (STAND. ANSI/TIA 568.2-D)

Catalogue number	6 327 15
Maximum attenuation (dB/100 m)	21
Minimum NEXT (dB)	32,3
PS NEXT (dB)	29,3
ACRF (dB / 100 m)	18,6
PS ACRF (dB / 100 m)	15,6
Return Loss (dB)	12

### 5. TECHNICAL AND MECHANICAL FEATURES

Catalogue number	6 327 15
Type	U/UTP
Type of sleeve	PVC
Number of pairs	4
Assembly	Pairs
Diameter over insulation (mm)	0,84±0.05
Average nominal diameter of the cable (mm)	4,8 ± 0,5
Weight of cable (kg/km)	
Min. bending radius when laying (mm)	19
AWG gauge*	25

\* According to UL 444 ed.3 table 4

**6. ELECTRICAL FEATURES AT 20°C**

Catalogue number	6 327 15
Type	UF/UTP
Maximum linear resistance (ohm/km)	≤125
DC dielectric strength	1 KV / 1 min
Minimum insulation resistance (Mohm.km)	5000
Minimum propagation speed	67%
Characteristic impedance at 100 MHz	100 ± 15Ω

**7. ORDERING INFORMATION**

Catalogue number	6 327 15
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 : EN 50399, 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  
 - EN 50288-3-1  
 - ISO/IEC 11801 (ed. 2.2)  
 IEEE 802.3at : PoE+