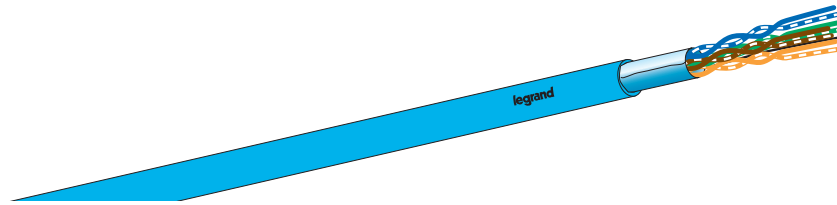


## 2x4 pairs Cat.6 F/UTP LSZH cable for local networks

Catalogue number(s) : 0 327 76

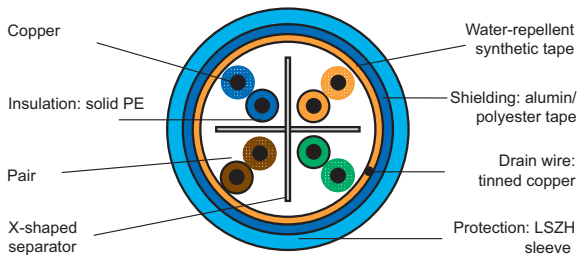


### 1. USE

Cable for high-speed VDI transmission networks

PoE and 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
- Conformity to standards
- Batch number
- Measurement (remaining length in metres).
- EUROCLASS Dca - s2, d2, a1
- Velocity of propagation

### 4. PERFORMANCE AT 250 MHZ (STAND. ANSI/TIA 568-C.2)

Reference	0 327 76
Maximum attenuation (dB/100 m)	33
Minimum NEXT (dB)	39,3
PS NEXT (dB)	36,3
ACRF (dB / 100 m)	20
PS ACRF (dB / 100 m)	17
Return Loss (dB)	17,3

### 5. TECHNICAL AND MECHANICAL FEATURES

Catalogue number	0327 76
Type	F/UTP
Type of sleeve	LSZH
Number of pairs	2x4
Assembly	Pairs
Diameter over insulation (mm)	1,14±0.05
Cable diameter (mm)	7,4±0.5 x 15,3±1
Weight of cable (kg/km)	53 to 82
Min. bending radius when laying (mm)	60
AWG gauge*	23

\* According to UL 444 ed.3 table 4

**6. ELECTRICAL FEATURES AT 20°C**

Catalogue number	0 327 76
Type	F/UTP
Maximum linear resistance (ohm/km)	95 *
DC dielectric strength	1 KV / 1 min *
Minimum insulation resistance (Mohm.km)	5000
Minimum propagation speed	>65 %
Characteristic impedance at 100 MHz	100 ±5Ω

\* According to standard IEC 61156-5

**7. ORDERING INFORMATION**

Catalogue number	0 327 76
Type	F/UTP
Colour	Blue RAL 5015
Pack (m)	500
Packaging	Reel

**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 : 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 Dca s2d2a1  
Also compliant with Eca

**9. STANDARDS AND APPROVALS**

Cat 6, 250 MHz  
EN 50173-1  
EN 50288-5-1  
ISO/IEC 11801 (ed. 2.2)  
IEC 61156-5  
IEEE 802.3at : PoE+