

## Cat.3 U/UTP LSZH 50/100 pairs cable for local networks

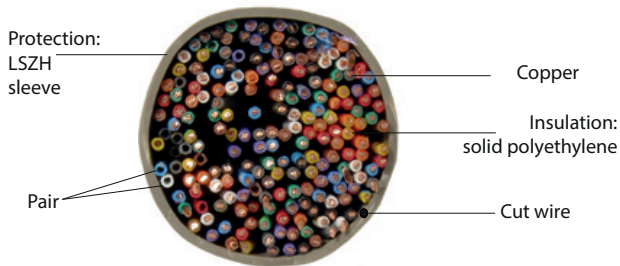
Catalogue number(s) : 0 328 88/91



### 1. USE

Cable for telephone networks

### 2. DESCRIPTION



### 3. MARKING AND PACKAGING

Marking of Legrand cables

- LEGRAND
- Catalogue number
- Number of pairs
- Gauge
- Type
- Impédance
- Type of sleeve
- Catégorie
- Conformity to standards
- Batch number
- Measurement (remaining length in metres).
- EUROCLASS Eca
- Velocity of propagation

### 4. PERFORMANCE AT 16 MHZ (STAND. ANSI/TIA 568-B)

Catalogue number	0 328 88/91
Maximum attenuation (dB/km)	131
Minimum NEXT (dB)	23

### 5. TECHNICAL AND MECHANICAL FEATURES

Catalogue number	0 328 88	0 328 91
Type	U/UTP	
Type of sleeve	LSZH	
Number of pairs	100	50
Assembly	Pairs	
Cable diameter (mm)	21,4	15,7
Weight of cable (kg/km)	299	150
Min. bending radius when laying (mm)	No load	86,5
	With load	171,2
AWG gauge*	24	24

\* According to UL 444 ed.3 table 4

### 6. ELECTRICAL FEATURES AT 20°C

Catalogue number	0 328 88/91
Type	U/UTP
Maximum linear resistance (ohm/km)	≤192 *
DC dielectric strength	1500V / 1 min *
Minimum insulation resistance (Mohm.km)	5000
Minimum propagation speed	>65 %
Characteristic impedance at 100 MHz	100 Ω ± 5 Ω

\* According to standard IEC 61156-5

### 7. ORDERING INFORMATION

Catalogue number	0 328 88/91
Type	U/UTP
Colour	Grey RAL 7035
Pack (m)	500
Packaging	Reel

### 8. ENVIRONMENTAL FEATURES

Transport temperature: 0 à + 50 °C  
Storage temperature before use: 10°C during 24h (if stock ≤ 5°C )  
Usage temperature: - 20 à + 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 = Classe Eca

### 9. STANDARDS AND APPROVALS

Cat 3, 16 MHz  
ANSI/TIA 568-C.2  
EN 50173-1  
EN 50288-2-1  
ISO/IEC 11801 (ed. 2.2)  
IEC 61156-5