

Cat. 6A U/UTP 4-pair LAN cable

Catalogue number: 0 327 87

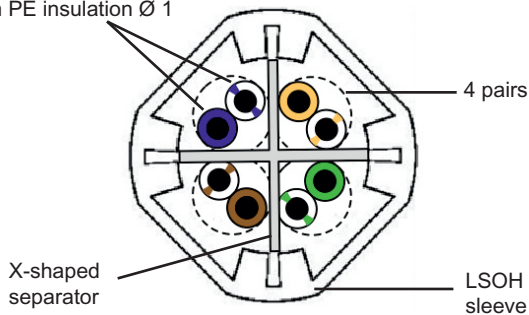


1. USE

Cables with 4 twisted pairs, 100 ohms for high-speed data networks.

2. DESCRIPTION

8 x 23 AWG conductors
with PE insulation Ø 1



3. MARKING AND PACKAGING

Marking of Legrand cables:

- LEGRAND
- Catalogue number
- Number of pairs
- Gauge
- Type
- Impedance
- Type of sleeve
- Category
- Conformity to standards
- VPN/NVP
- Batch number
- Measurement (remaining length in metres).

4. PERFORMANCE AT 500 MHZ (standard ANSI/TIA 568-C.2)

Maximum attenuation (dB/100 m):	45.3
Minimum NEXT (dB):	33.8
PS NEXT (dB):	31.8
ACRF (dB/100 m):	13.8
PS ACRF (dB/100 m):	10.8
Return Loss (dB):	15.2

5. TECHNICAL AND MECHANICAL CHARACTERISTICS

Catalogue Number	0 327 87
Type	U/UTP
Type of sleeve	LSOH
Number of pairs	4
Assembly	Pairs
Diameter over insulation (mm)	1
Cable diameter (mm)	9
Weight of cable (kg/km)	59
Min. bending radius when laying (mm)	36
AWG gauge	23

6. ELECTRICAL CHARACTERISTICS AT 20°C

Catalogue Number	0 327 87
Type	U/UTP
Maximum linear resistance (ohm/km)	< 95 *
DC dielectric strength	1 KV/1 min *
Minimum insulation resistance (Mohm.305m)	≥ 100
Minimum propagation speed	> 66%
Characteristic impedance from 1 to 100 MHz	100 Ω ± 15%

* According to standard IEC 61156-5

7. ORDERING INFORMATION

Catalogue Number	0 327 87
Type	U/UTP
Colour	Yellow RAL 1018
Pack (m)	500
Packaging (mm)	Reel

8. ENVIRONMENTAL CHARACTERISTICS

Storage and transport temperature: 0 to + 50°C

Operating temperature: - 20 to + 60°C

Fire resistance: IEC 60332-1, UL VW-1

9. STANDARDS AND APPROVALS

Cat. 6A, 500 MHz

ANSI/TIA 568-C.2

EN 50173

EN 52288

IEC 11801

IEC 61156-5