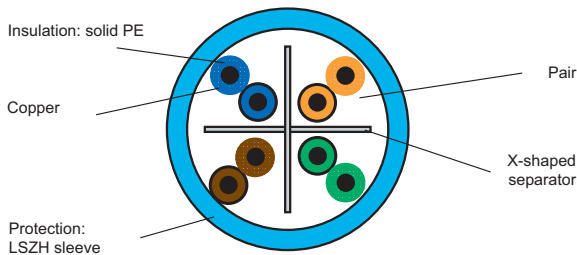


1. USE

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
- 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	0 328 20/21/22/61/71
Maximum attenuation (dB/100 m)	32,8
Minimum NEXT (dB)	38,3
PS NEXT (dB)	36,3
ACRF (dB / 100 m)	19,8
PS ACRF (dB / 100 m)	16,8
Return Loss (dB)	17,3

5. TECHNICAL AND MECHANICAL FEATURES

Catalogue number	0 328 20/21/22/61/71
Type	U/UTP
Type of sleeve	LSZH
Number of pairs	4
Assembly	Pairs
Diameter over insulation (mm)	0,98 ± 0,04
Cable diameter (mm)	5,8 ± 0,4
Weight of cable (kg/km)	37 to 43
Min. bending radius when laying (mm)	25
AWG gauge*	23

* According to UL 444 ed.3 table 4

6. ELECTRICAL FEATURES AT 20°C

Catalogue number	0 328 20/21/22/61/71
Type	U/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	0 328 20	0 328 21	0 328 22	0 328 61	0328 71
Type	U/UTP				
Colour	Red RAL 3020	Yellow RAL 1018	Green RAL 6026	Blue RAL 5015	
Pack (m)	500	500	500	500	1000
Packaging	Reel	Reel	Reel	Reel	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

ANSI/TIA 568-C.2

EN 50173-1

EN 50288-6-1

ISO/IEC 11801 (ed. 2.2)

IEC 61156-5

IEEE 802.3at : PoE+