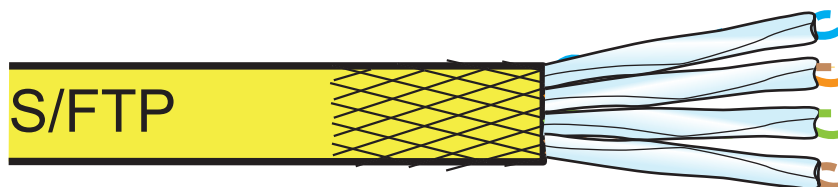


Cat.6A S/FTP PVCLS Hr(A)-LSLTx cable for local networks

Catalogue number(s) : 0 328 26



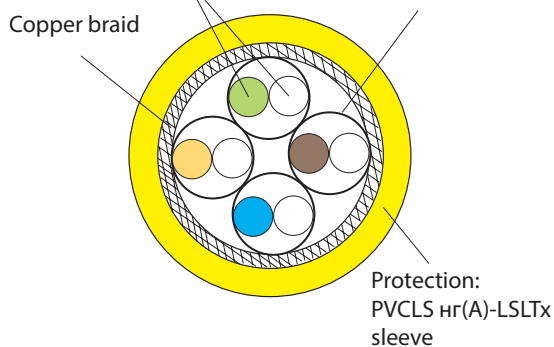
1. USE

Cable for high-speed VDI transmission networks

802.3 bt PoE++ applications compatible according to installation standards ISO/IEC 14763-2 (final draft) and EN 50174-2 : 2018

2. DESCRIPTION

Copper with PE insulation 4 pairs with individual aluminium/polyester tape screens



3. MARKING AND PACKAGING

Marking of Legrand cables

- LEGRAND
- Catalogue number
- Number of pairs
- Gauge
- Type
- Impedance
- Type of sleeve
- Category
- Conformity to standards
- Velocity of propagation
- Traceability
- Measurement (remaining length in metres).

Complementary marking (on label)

- Designation
- Made in....

4. PERFORMANCE AT 500 MHZ (STAND. ANSI/TIA 568.2-D)

Catalogue number	0 328 26
Maximum attenuation (dB/100 m)	45,3
Minimum NEXT (dB)	34,8
PS NEXT (dB)	31,8
ACRF (dB / 100 m)	14
PS ACRF (dB / 100 m)	11
Return Loss (dB)	15,2

5. TECHNICAL AND MECHANICAL FEATURES

Catalogue number	0 328 26
Type	S/FTP
Type of sleeve	PVCLS Hr(A)-LSLTx
Number of pairs	4
Assembly	Pairs
Diameter over insulation (mm)	from 1,3 to 1,5 mm
Average nominal diameter of the cable (mm)	fro 7,4 to 9mm
Weight of cable (kg/km)	74,7
Min. bending radius when laying (mm)	68
AWG gauge*	23

* According to UL 444 ed.3 table 4

6. ELECTRICAL FEATURES AT 20°C

Catalogue number	0 328 26
Type	S/FTP
Maximum linear resistance (ohm/km)	95 *
DC dielectric strength	1 KV / 1 min *
Minimum insulation resistance (Mohm.km)	5000
Minimum propagation speed	75 %
Characteristic impedance at 100 MHz	100Ω ±15%
Nominal voltage AC	Up to 145V 50Hz
Nominal voltage DC	Up to 50V

* According to standard IEC 61156-5 except impedance

7. ORDERING INFORMATION

Catalogue number	0 328 26
Type	S/FTP
Colour	Yellow RAL 1021
Pack (m)	305
Packaging	Reel

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 : PVCLS нг(A)-LSLTx П15.8.2.1.2
 ГОСТ 31565-2012 П16.8.2.1.2
 IEC 60332-3-22
 IEC 61034-2
 IEC 60332-1-2

9. STANDARDS AND APPROVALS

Cat 6A, 500 MHz
 Electrical performances and characteristics :
 - ГОСТ 31565-2012
 - ANSI/TIA 568-C.2
 - EN 50173-1
 - EN 50288-10-1
 - ISO/IEC 11801 (ed. 2.2)
 - IEC 61156-5
 IEEE 802.3bt : PoE++