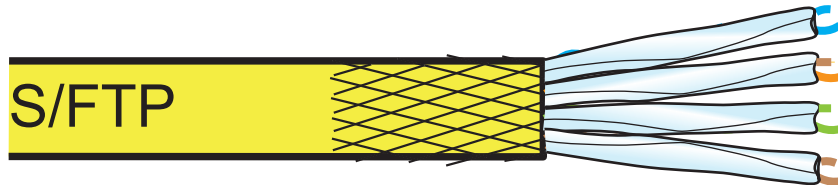


## Cat.6A S/FTP PVCLS hr(A)-LSLTx cable for local networks

Catalogue number(s) : 0 328 26



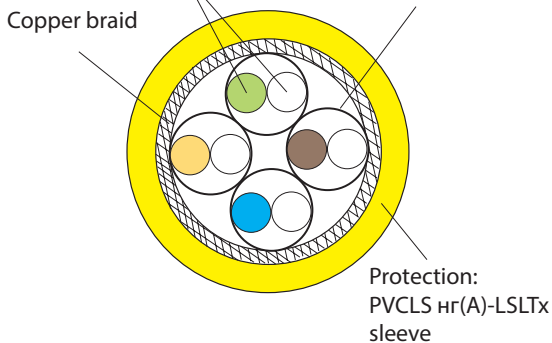
### 1. USE

Cable for high-speed VDI transmission networks

802.3 bt PoE++ up to type 4 applications compatible according to installation standards ISO/IEC 14763-2 : 2019 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 П1Б.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++