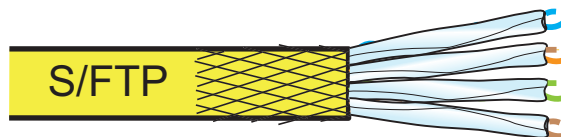


## Cat. 7 S/FTP cable for local networks 4 pairs

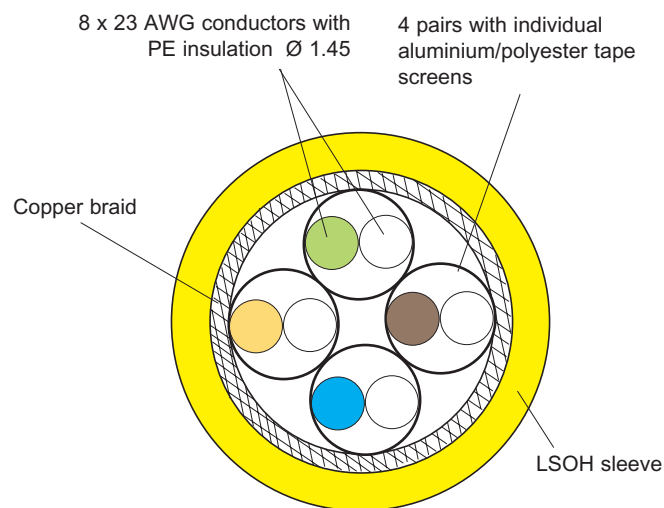
Catalogue number: 0 327 77



### 1. USE

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

### 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).

### 4. PERFORMANCE AT 600 MHZ

Maximum attenuation (dB/100 m):	50.1
Minimum NEXT (dB):	60.7
PS NEXT (dB):	57.7
ACRF (dB/100 m):	39.7
PS ACRF (dB/100 m):	36.7
Return Loss (dB):	17.3

### 5. TECHNICAL AND MECHANICAL FEATURES

Catalogue number	0 327 77
Type	S/FTP
Type of sleeve	LSOH
Number of pairs	4
Assembly	Pairs
Diameter over insulation (mm)	1.38 ± 0.07
Cable diameter (mm)	7.7 ± 0.3
Weight of cable (kg/km)	55 to 61
Min. bending radius when laying (mm)	65
AWG gauge	23

### 6. ELECTRICAL FEATURES AT 20°C

Catalogue number	0 327 77
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	> 66%
Characteristic impedance from	
1 to 100 MHz	100 Ω ± 15%
100 to 250 MHz	100 Ω ± 22%
250 to 600 MHz	100 Ω ± 25%

\* According to standard IEC 61156-5

# Cat. 7 S/FTP cable for local networks 4 pairs

Catalogue number: 0 327 77

## 7. ORDERING INFORMATION

Catalogue number	0 327 77
Type	S/FTP
Colour	Yellow RAL 1018
Pack (m)	500
Packaging	Reel

## 8. ENVIRONMENTAL FEATURES

Storage and transport temperature: 0 to + 50°C

Usage temperature: – 20 to + 60°C

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

Smoke density : IEC 61034

Toxicity of fire effluent : 60754-2

## 9. STANDARDS AND APPROVALS

Cat. 7, 600 MHz

EN 50173

EN 52288

IEC 11801

IEC 61156-5