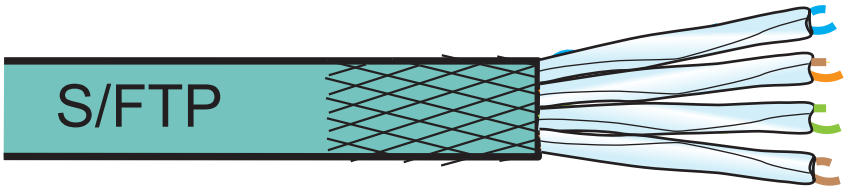
128, av. du Maréchal-de-Lattre-de-Tassigny - 87045 LIMOGES Cedex
Tel : 0 (+33) 5 55 06 87 87 Fax : 0 (+33) 5 55 06 88 88
www.legrand.com

Cat.8 S/FTP cable for local networks

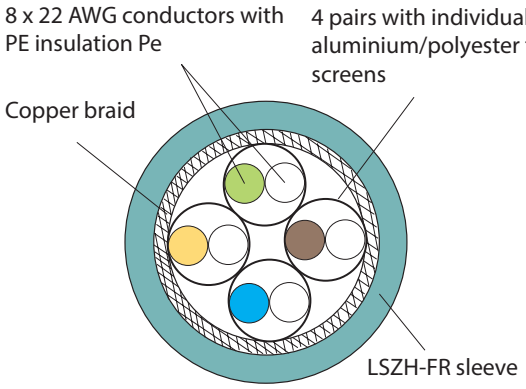
Catalogue number(s) : 0 337 88



1. USE

Cables with 4 twisted pairs, 100 ohms for high-speed data 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 2000 MHZ (IEC 61156-9)

Maximum attenuation (dB/100 m):.....90,5
Minimum NEXT (dB):.....55,9
PS NEXT (dB) :.....52,9
ACRF (dB / 100 m) :.....34,6
PS ACRF (dB / 100 m) :.....31,6
Return Loss (dB) :.....13,1

5. TECHNICAL AND MECHANICAL FEATURES

Catalogue number	0 337 88
Type	S/FTP
Type of sleeve	LSZH-FR
Number of pairs	4
Assembly	Pairs
Diameter over insulation (mm)	1,6±0.07
Cable diameter (mm)	8,5
Weight of cable (kg/km)	80
Min. bending radius when laying (mm)	>68
AWG gauge*	22

* According to UL 444 ed.3 table 4

6. ELECTRICAL FEATURES AT 20°C

Catalogue number	0 337 88
Type	S/FTP
Maximum linear resistance (ohm/km)	70 *
DC dielectric strength	1 KV / 1 min *
Minimum insulation resistance (Mohm.km)	5000
Minimum propagation speed	73 %
Characteristic impedance at 100 MHz	100 ±5Ω

* According to standard IEC 61156-9

7. ORDERING INFORMATION

Catalogue number	0 337 88
Type	S/FTP
Colour	Aqua RAL 6027
Pack (m)	500
Packaging	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 60332-3-24, EN 60332-3-24
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 8, 2000 MHz
EN 50173-1
EN 50288-9-1
ISO/IEC 11801
IEC 61156-9
IEEE 802.3at : PoE+
ANSI/TIA 568-C.2-1