



CAT 6 S/FTP ELEVATOR CABLE PVC

108-61004

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General Information

- Conductor Material: Stranded Bare Copper
- Conductor Nominal Outer Diameter: 19 x 0.12±0.003mm
- Insulation Material: PE-Foamed
- Insulation Nominal Outer Diameter: 1.35±0.05mm
- Individual Screen Material: AL/Mylar Foil
- Braiding Material: Tinned Copper
- Braiding Coverage: ≥50%
- Jacket Material: PVC
- Jacket Dimensions: 17.0(W) x 8.3(H)±0.5mm
- Jacket Color: Grey
- Self-Supporting Material: Galvanized steel wire
- Tape: Non - Woven

Overview

- Category: S/FTP-CAT6-4x2x24AWG/19PVC
- Sheath Printing: TBD
- Construction Type: S/FTP (Shielded and Foiled Twisted Pair)
- Suitable for applications requiring high-speed, shielded data transmission in moving environments, particularly inside elevators.

Industry Standard

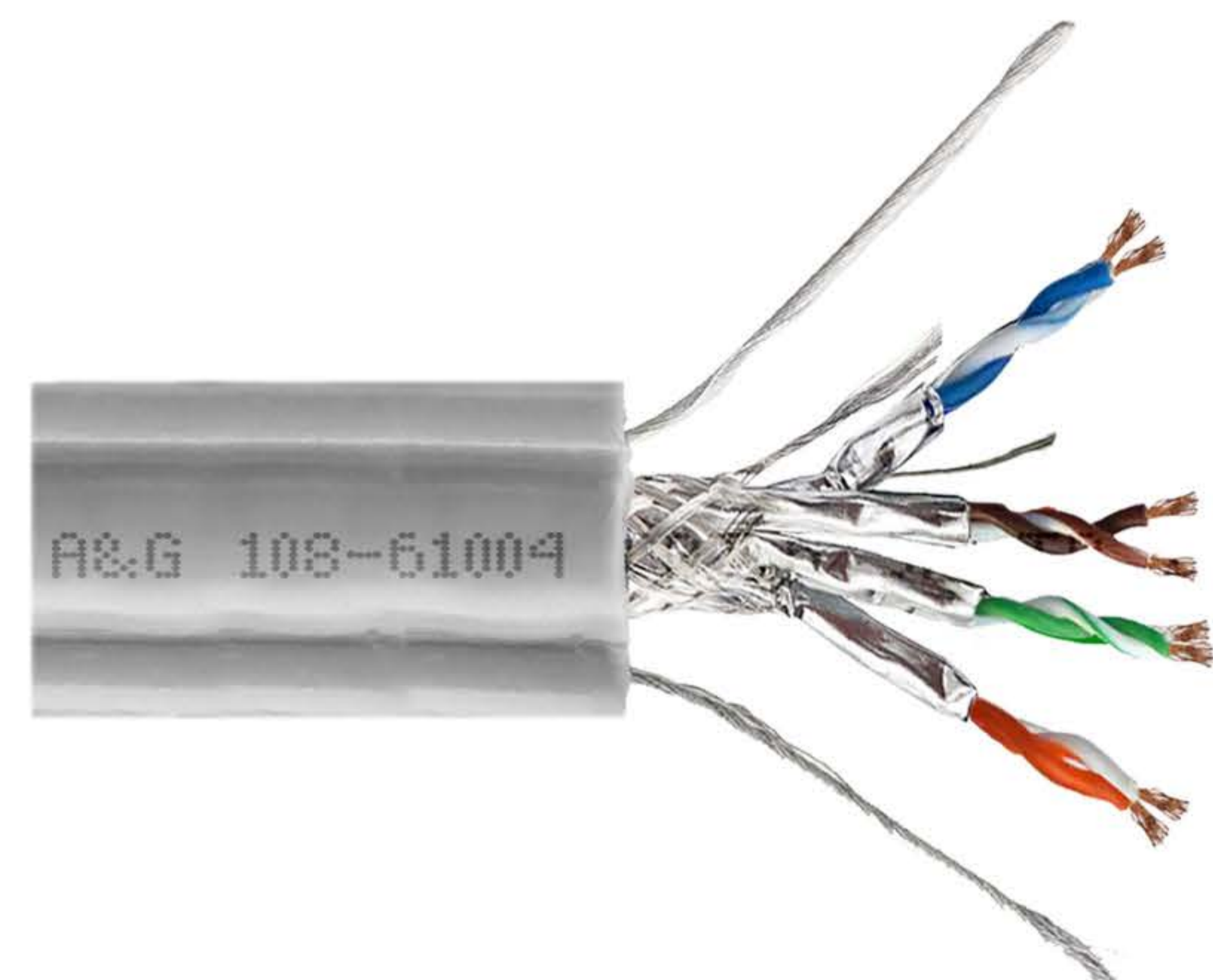
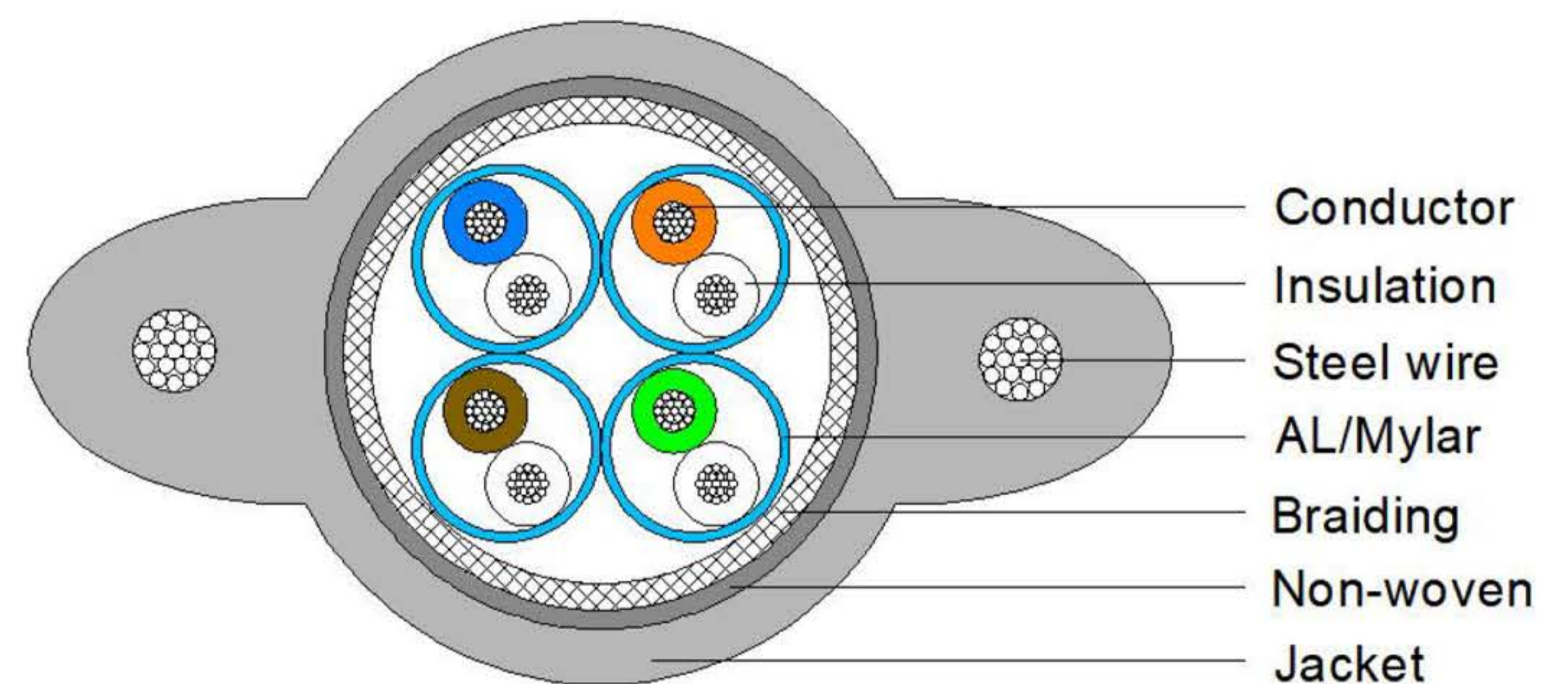
- ISO/IEC 11801
- ANSI/TIA-568.2-D
- EC60332-1-2

Applications

- IP Camera Installations in Elevators
- Elevator Communication Systems
- High-Speed Networking

Ordering Information

Part Number	Description
108-61004	CAT 6 S/FTP ELEVATOR CABLE 4P PVC



PRODUCT TECHNICAL SPECIFICATION | CAT 6 S/FTP ELEVATOR CABLE PVC

Product Electrical Characteristics:

- Conductor DC resistance: $\leq 94\Omega/\text{km}$
- DC Resistance Unbalance: $\leq 5\%$
- Dielectric Strength: DC1KV for 1min
(conductor to conductor, conductor to screen)
- Insulation Resistance: $\geq 5000\text{M}\Omega\cdot\text{km}$
- Capacitance Unbalance(pair to ground): $\leq 160\text{pF}/100\text{m}$ at 1kHz

Sheath Physical Properties:

- Operating temperature: -40°C to 80°C
- Installation temperature: -20°C to 60°C
- Moving: $0 \sim +60^{\circ}\text{C}$
- Min bending radius: Fixed installation: 10xOD
- Movement: 30xOD

Technical Performance (100m)

Frequency (MHz)	Attenuation ($\leq\text{dB}$)	RL ($\geq\text{dB}$)	NEXT ($\geq\text{dB}$)	PSNEXT ($\geq\text{dB}$)	ACRF ($\geq\text{dB}$)	PSACRF ($\geq\text{dB}$)
1	3.0	19.0	65.0	62.0	63.3	60.3
4	4.0	19.0	63.0	60.5	51.2	48.2
8	5.7	19.0	58.2	55.6	45.2	42.2
10	6.3	19.0	56.6	54.0	43.3	40.3
16	8.0	18.0	53.2	50.6	39.2	36.2
20	9.0	17.5	51.6	49.0	37.2	34.2
25	10.1	17.0	50.0	47.3	35.3	32.3
31.25	11.4	16.5	48.4	45.7	33.4	30.4
62.5	16.5	14.0	43.4	40.6	27.3	24.3
100	21.3	12.0	39.9	37.1	23.3	20.3
200	31.5	9.0	34.8	31.9	17.2	14.2
250	35.9	8.0	31.7	30.2	15.3	12.3

HEADQUARTERS



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CONNECT THE FUTURE



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