

# TecniKabel

SPECIAL ELECTRICAL AND OPTICAL CABLES



# BUILDING TECHNOLOGY

# LSZH Fire Resistant Lan S/FTP 4x2xAWG23/7 cat. 6A/7

**TecniKabel has successfully engineered and tested the future of LAN Communication**

Engineers daily design new powerful systems and large cabling infrastructures, where Ethernet transmission protocols need to vehicle huge amounts of data (data, signals, images, etc.) at high speed. These communication systems work at the highest speed and maximum stability, either through the use of fibre optic cable or Cat7 Ethernet cables up to 600 MHz.

In order to achieve major distances with zero signal interference, the highest efficiency standards require an S/FTP construction with individual foil shielded twisted pairs, flexible conductors, braid shielding and a suitable outer jacket for the specific application.

TecniKabel is able to meet the most recent transportation sector requirements, with full-circuit integrity guaranteed during fire in accordance with IEC 60331-23 and EN 50200.

Structured cabling



Fire alarm and emergency lighting & communication



Data center

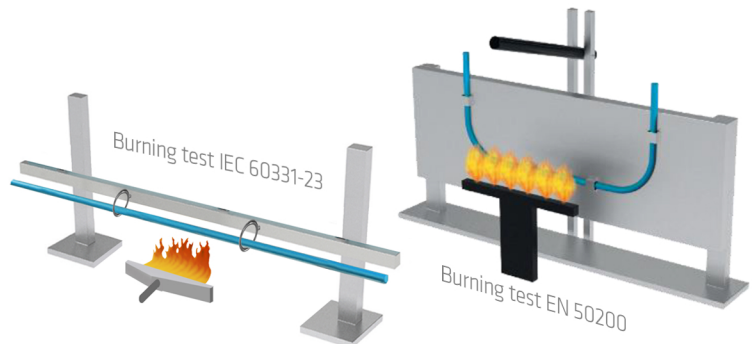


Videosurveillance system



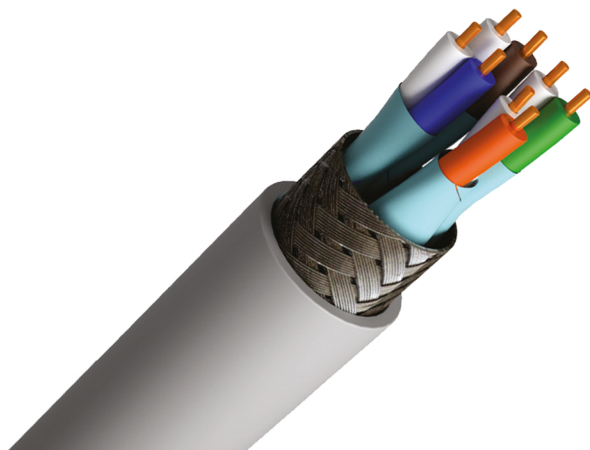
**Flexible Cat6A and Cat7 Ethernet cables are suitable for:**

- Indoor/outdoor installation with mechanical protection
- Customised applications (LSZH, crosslinked LSZH, ATAR LSZH COMPOUNDS)
- Fire conditions fully compliant with IEC 60331-23 up to 180 minutes



## FEATURES:

- U.V. radiation resistant
- Fire resistant in accordance with IEC 60331-23
- Halogen free
  - . Halogen acid gas emission (IEC 60754-1; IEC 60754-2)
  - . Degree of acidity of gases (IEC 60754-1; IEC 60754-2)
  - . Smoke emission (IEC 61034-1; IEC 61034-2)
  - . Toxicity of evolved gas (EN 50305 9.2)
- Flame retardant (IEC 60332-1)
- Flame resistant (IEC 60332-3-22)
- Anti termite and anti vermin compound



# tecniKabel

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Our cables are 100%

**Made in Italy**