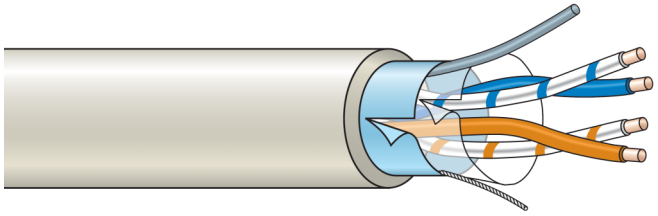
WCAT52

Cavo 2x2xAWG24/1 FTP, categoria 5e (enhanched)

In the early 1990s, a series of regulations regarding data transmission installations in new and renovated buildings were drawn up. This occurred after the EIA/TIA 568 and 569, ISO/IEC 11801, EN 50173 and DIN VDE 44312-5 standards came into force, and after discussions about the recent EN 50288 European series relating to the structured cabling of the buildings. Cabling systems allow the transport of different types of information: LAN, traditional and digital telephony (ISDN), video images, alarms and controls.



Certification

In addition to a very high standard of workmanship needed to meet the latest international standards, which establish the rules for the wiring of commercial buildings, the connections in a network must guarantee the utmost flexibility and universality. They must be able to support the widest range of current and future protocols.

As a result, the transmission media must be specifically designed to meet these requirements. In this area, they have also taken on a very important role in gaining certification for these cables, from both SGS and independent laboratories, that is regonised at national and international levels.

Category 5 ""enhanced"" cable, tested up to 200 MHz

The idea of this new cable category, which has transmission tested up to 200 MHz, is that these cables can be used for high bit-rate data networks with greater flexibility and availability than ordinary Category 5 cables.

In addittion, they are characterised by a level of immunity which permits good transmission in even the most severe AMC environments and which complies with all types of application with radiation limits.

When the ACR (Attenuation to Crosstalk Ratio) is insufficient, problems may arise due to high frequency EMC performances and insufficient return losses.

WCAT used with Advisor Master

When WCAT cable is used with the Advisor Master systems, the rules with respect to maximum length of the databus and the databus topology should be respected. See installation manuals for more details.

Dettagli

- 2 x 2 x AWG 24/1 FTP, category 5, enhanced
- Recommended for: -Advisor Masters panels -Networked fire panels and repeaters
- Certified by SGS for the compliance to the ISO/IEC 11801 (certification n°30.35.94.203/4)

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Specifiche tecniche

Shielding

Schermato	Yes

Jacket

Colore giacca	Gris (RAL 7032)

Physical

Lunghezza cavo	500 m
No. di fili	4

Environmental

Senza alogeno	No

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Last updated on 12 November 2026 - 18:57