

Noise suppression CAT6 UTP cable

NSC-LAN01series

A LAN CAT6 cable incorporated with a ferrite compound layer has noise suppression function. While its appearance is the same as a usual cable, it significantly reduces internal and external noises. Complied with Ethernet standard of 10 BASE-T, 100 BASE-TX, 1000 BASE-T, 1000 BASE-TX. Good for a broadband environment for high speed communication including FTTH, ADSL and CATV, Compared with normal cables, high-speed communication can be still possible under the environment where it is vulnerable to receive noises.

Feature

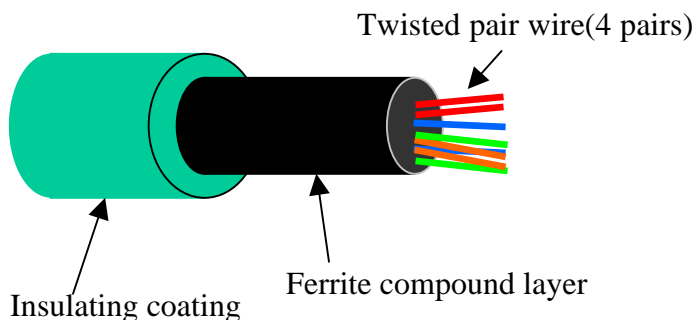
- Fully responding to a CAT 6.
- Significantly reduces internal and external noises. (Reduced 99.7% of wireless LAN noise (2.4GHz))
- Minimal electrical degradation in kink. (Good for bend of the cable responding to CAT6 up to 4cm of its radius.)
- Adopting molded slim connector



Basic specification

- CAT6 UTP cable (twisted wire type)
- Straight cable
- Two RJ45 connectors
- Cable color: blue & ivory

Inner structure of cable



Compliant Ethernet standard

- 10BASE-T
- 100BASE-TX
- 1000BASE-T
- 1000BASE-TX

Connection specification



Effect of external noise reduction

induced voltage in a connector terminal of a CAT6 LAN cable, caused by electric waves from wireless LAN equipment

