

Under Development



Soft magnetic product

Ferrite Tape for Cable Noise Suppression

FEATURES

Ferrite tapes are products developed by applying our Ni-Zn-Cu ferrite flexible sheets manufacturing technology. They can be easily wrapped around power supplies or communication cables and are suitable for noise suppression in the 1MHz to 1GHz band.

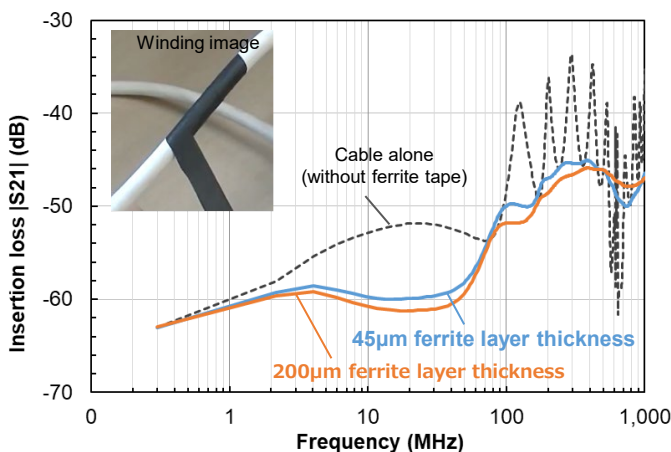
CHARACTERISTICS

- 1 **Superior noise suppression properties**
High loss characteristics are shown in the 1MHz to 1GHz band.
- 2 **Suitable shape for cables**
They have a reel shape that is easy to wrap around a cable or multiple cables.
- 3 **Lightweight product having vibration resistance**
Unlike clamp filters, there is no damage to cables because no localized load is applied.

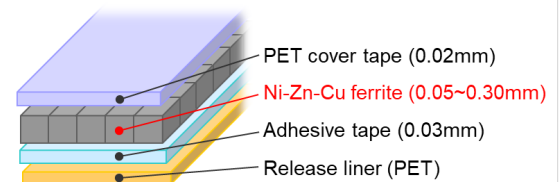
SPECIFICATIONS

【Typical properties】

| FLX-221-Tape | |
|---------------------------------|-------------------|
| Material | Ni-Zn-Cu ferrite |
| Thickness of ferrite layer (mm) | 0.05~0.30 |
| μ'' at 100kHz | 500~660 |
| Curie temperature (°C) | 123 |
| Environment | RoHS/Halogen free |



【Evaluation of noise suppression characteristic measured by Tube In Tube method】



【Tape configuration example】



【Example of bundling multiple cables】

APPLICATIONS

- Noise suppression of power supply and signal cables
- Noise suppression of various electronic devices and components

