

Under Development

Soft ferrite component



Ferrite Tape for Cable Noise Suppression

OVERVIEW

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.

FEATURES

Superior noise suppression properties

High loss characteristics are shown in the 1MHz to 1GHz band.

Suitable shape for cables

They have a reel shape that is easy to wrap around a cable or multiple cables.

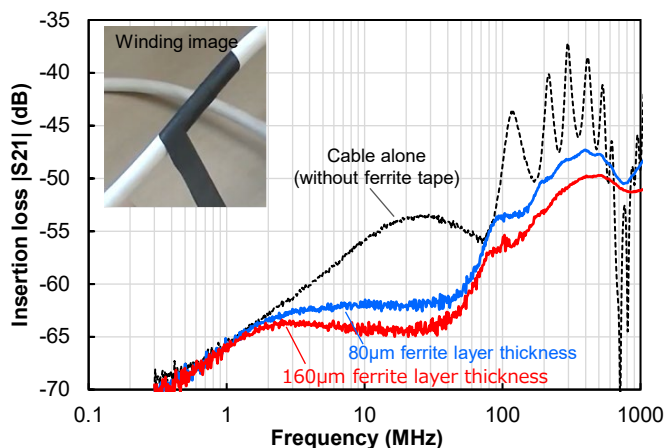
Lightweight product having vibration resistance

Unlike clamp filters, there is no damage to cables because no localized load is applied.

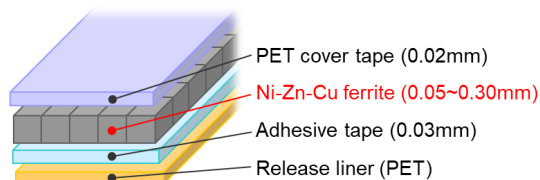
CHARACTERISTICS

【Typical properties】

Grade	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

TODA KOGYO CORP. TOKYO OFFICE

Shiba Mita Mori Building 6F, 5-13-15 Shiba, Minato-ku, Tokyo 108-0014, Japan

Tel +81-3-5439-6040

E-mail: webmaster@todakogyo.co.jp

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