



Technical Data Sheet

C01

Microwave noise absorbing sheet

Product Description:

FeedPool® C01 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth(3.8 ~ 6.2 GHz · -10dB)
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent film is halogen-free, PVC-free, lead-free.

Product Applications

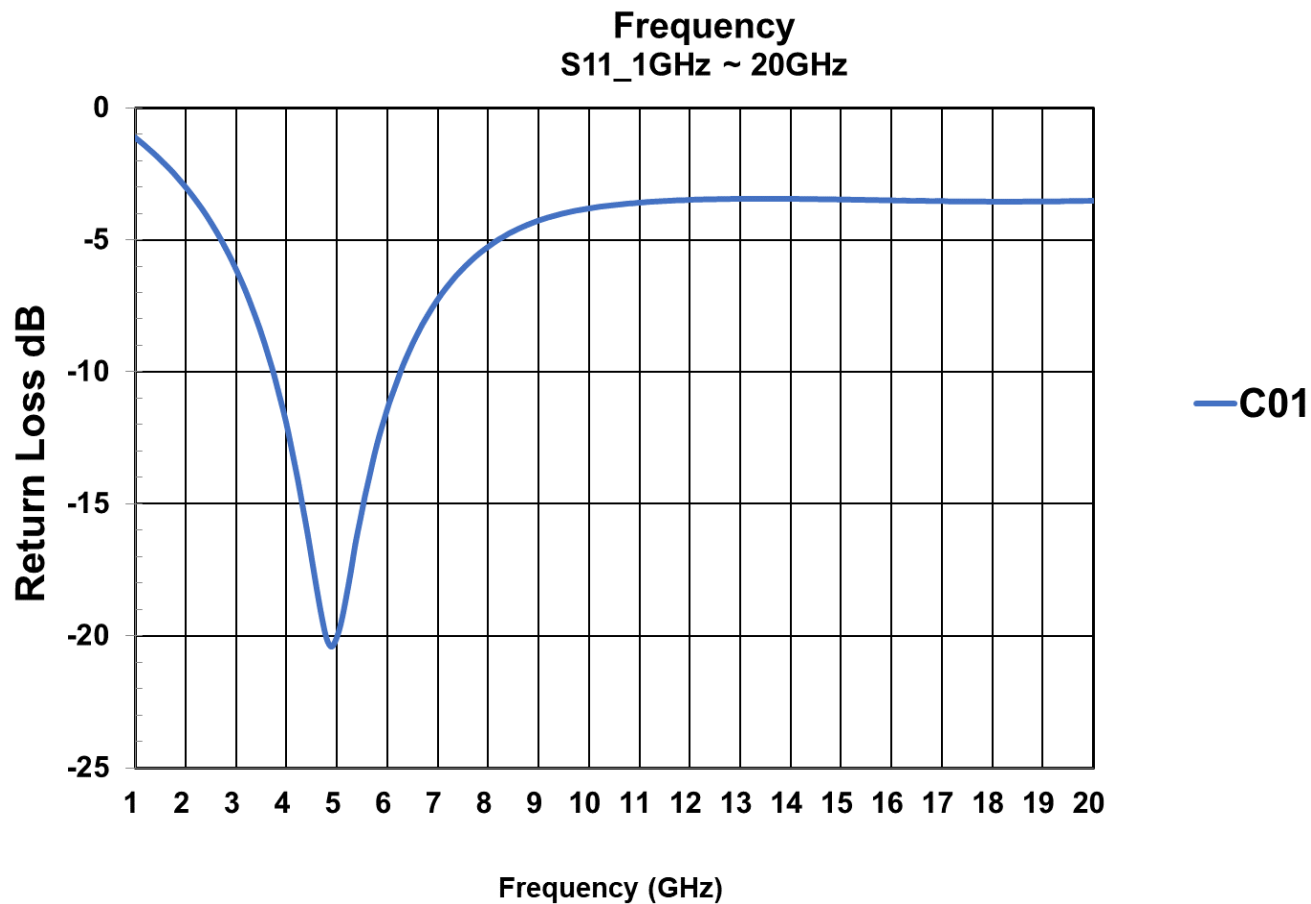
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications:

| Item Reflection Loss | Description |
|---|------------------------------------|
| Part No | C01 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after croppng) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 2.0±0.2mm |
| Maximum microwave absorption range | 4.6±0.5GHz |
| Maximum microwave absorption | < -20dB |
| (-10dB) Bandwidth range | 3.8~6.2 GHz |
| Operating Temperature | -40°C ~ +80°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ¹¹ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



Return Loss dB : 1GHz ~ 20GHz



Affixed to the surface of the metal cover

Product code

Encode:C01-XXX

X : Thickness (mm)

General information

- For information on the safe handling of this product, please refer to the Safety Data Sheet (SDS).
- Technical data is tested under the laboratory conditions of Feedpool Technology Co., Ltd.

Feedpool Technology Co., Ltd.

Address: No.7, Lane 607, Yung Ping Road, Yangmei City Taoyuan, Taiwan.

Website: www.feedpool.com Tel: 886-3-4813158 Fax: 886-3-4813059



Technical Data Sheet

C02-1

Microwave noise absorbing sheet

Product Description:

FeedPool® C02-1 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth(4.0 ~ 7.0 GHz · -10dB)
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent film is halogen-free, PVC-free, lead-free.

Product Applications

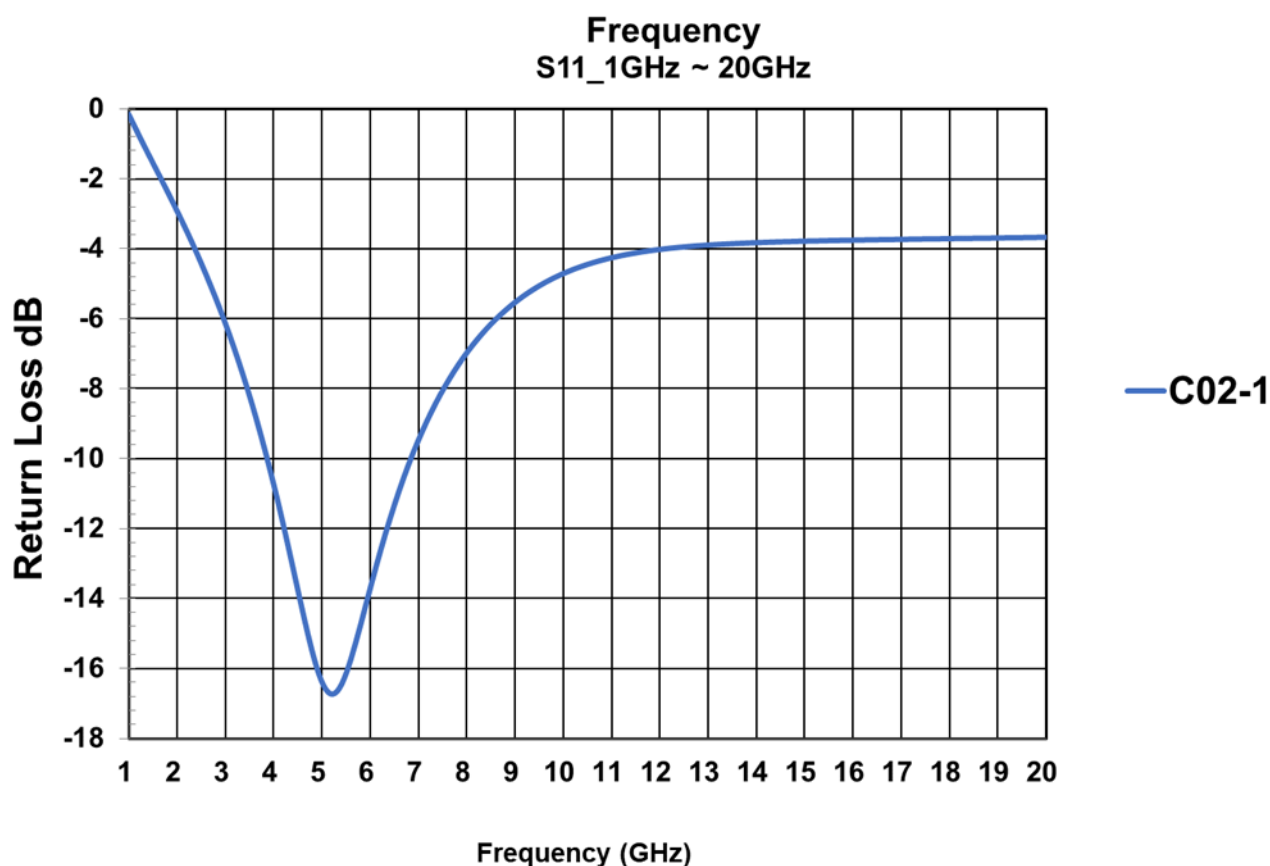
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications:

| Item Reflection Loss | Description |
|---|------------------------------------|
| Part No | C02-1 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after croppng) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 1.5±0.2mm |
| Maximum microwave absorption range | 5.0±0.5GHz |
| Maximum microwave absorption | <-15dB |
| (-10dB) Bandwidth range | 4.0~7.0 GHz |
| Operating Temperature | -40°C ~ +80°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ⁶ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



Return Loss dB : 1GHz ~ 20GHz



Affixed to the surface of the metal cover

Product code

Encode:C02-1-XXX

X : Thickness (mm)

General information

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Technical Data Sheet

C03

Microwave noise absorbing sheet

Product Description:

FeedPool® C03 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth(5.2 ~ 9.0 GHz · -10dB)
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent film is halogen-free, PVC-free, lead-free.

Product Applications

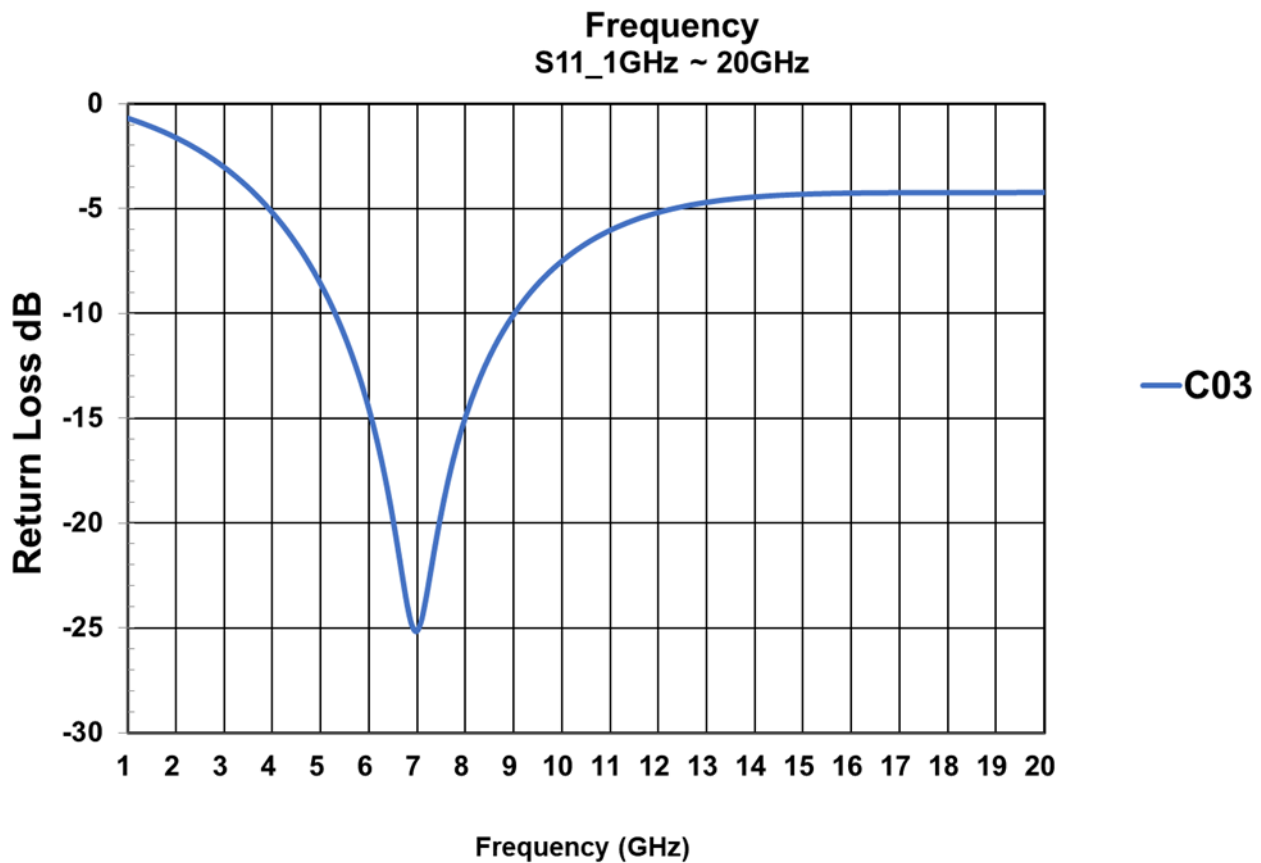
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications:

| Item Reflection Loss | Description |
|---|------------------------------------|
| Part No | C03 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after croppng) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 2.0±0.2mm |
| Maximum microwave absorption range | 7.0±0.5GHz |
| Maximum microwave absorption | <-20dB |
| (-10dB) Bandwidth range | 5.2~9.0 GHz |
| Operating Temperature | -40°C ~ +80°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ⁶ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



Return Loss dB : 1GHz ~ 20GHz



Affixed to the surface of the metal cover

Product code

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X : Thickness (mm)

General information

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Technical Data Sheet

C05

Microwave noise absorbing sheet

Product Description:

FeedPool® C05 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth(3.0 ~ 6.0 GHz · -10dB)
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent film is halogen-free, PVC-free, lead-free.

Product Applications

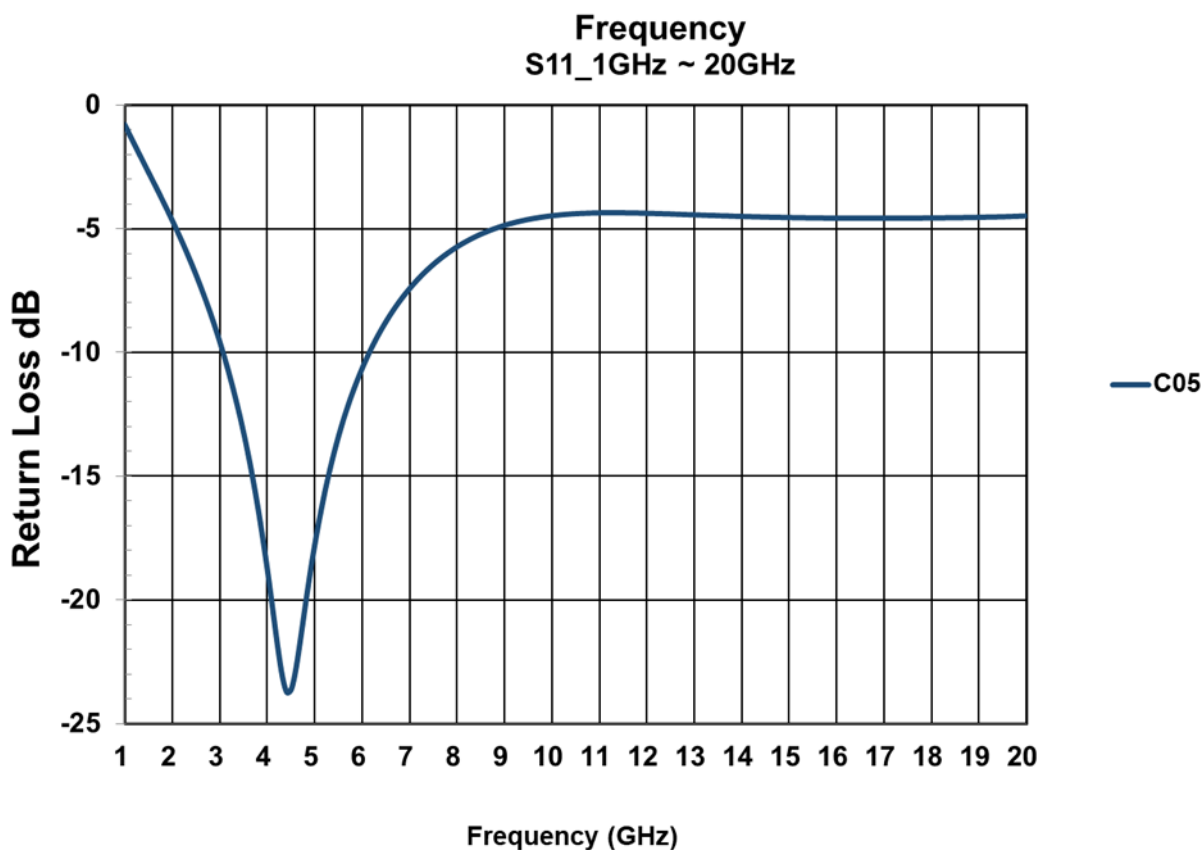
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications:

| Item Reflection Loss | Description |
|---|------------------------------------|
| Part No | C05 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after croppng) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 2.2±0.2mm |
| Maximum microwave absorption range | 4.2±0.3GHz |
| Maximum microwave absorption | < -20dB |
| (-10dB) Bandwidth range | 3.0~6.0 GHz |
| Operating Temperature | -40°C ~ +80°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ¹¹ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



Return Loss dB : 1GHz ~ 20GHz



Affixed to the surface of the metal cover

Product code

Encode:C05-XXX

X : Thickness (mm)

General information

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Technical Data Sheet

C07

Microwave noise absorbing sheet

Product Description:

FeedPool® C07 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth(5.8 ~ 10.8 GHz · -10dB)
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent film is halogen-free, PVC-free, lead-free.

Product Applications

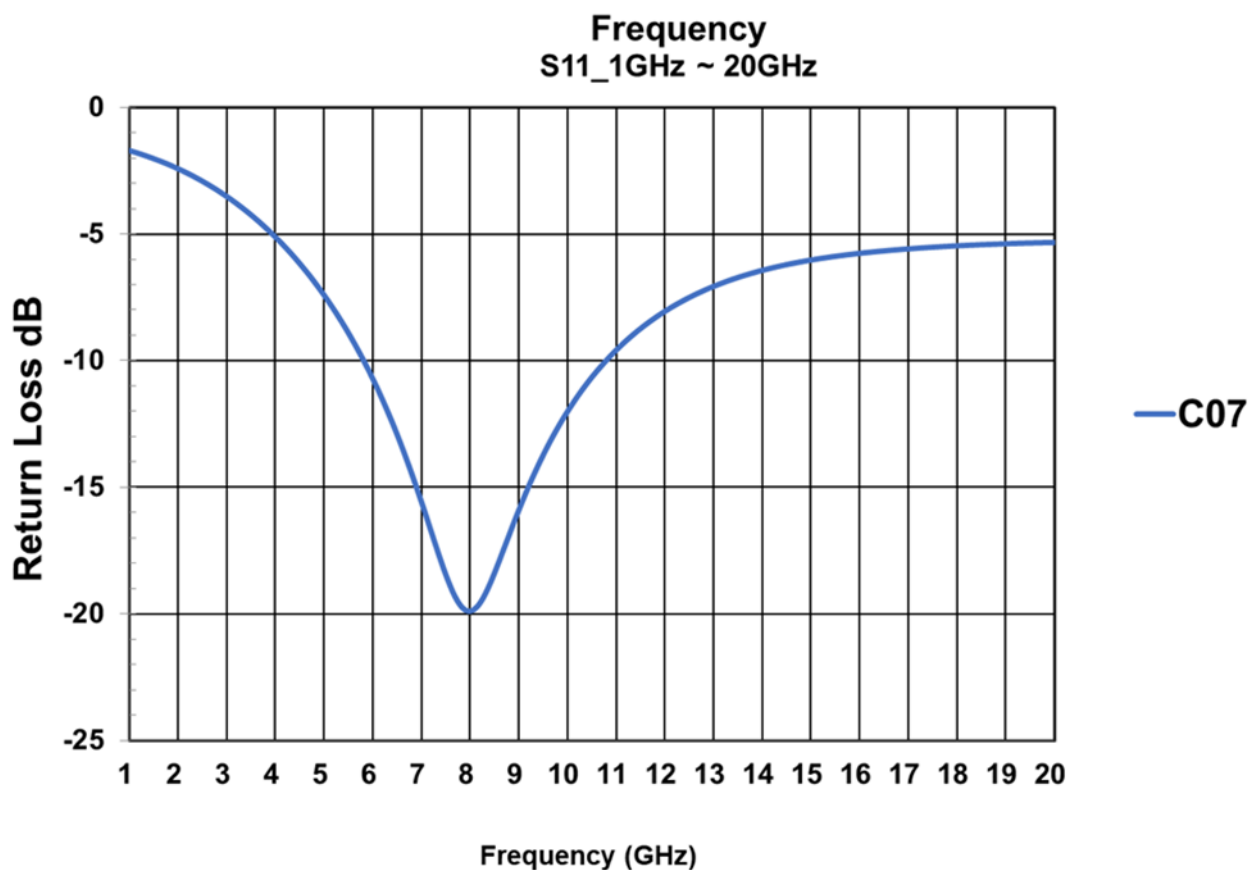
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications:

| Item Reflection Loss | Description |
|---|------------------------------------|
| Part No | C07 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after croppng) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 1.5±0.2mm |
| Maximum microwave absorption range | 8.0±0.5GHz |
| Maximum microwave absorption | < -15db |
| (-10dB) Bandwidth range | 5.8~10.8 GHz |
| Operating Temperature | -40°C ~ +80°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ¹¹ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



Return Loss dB : 1GHz ~ 20GHz



Affixed to the surface of the metal cover

Product code

Encode:C07-XXX

X : Thickness (mm)

General information

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Technical Data Sheet

C10

Microwave noise absorbing sheet

Product Description:

FeedPool® C10 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth(5.0 ~ 8.0 GHz · -10dB)
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent film is halogen-free, PVC-free, lead-free.

Product Applications

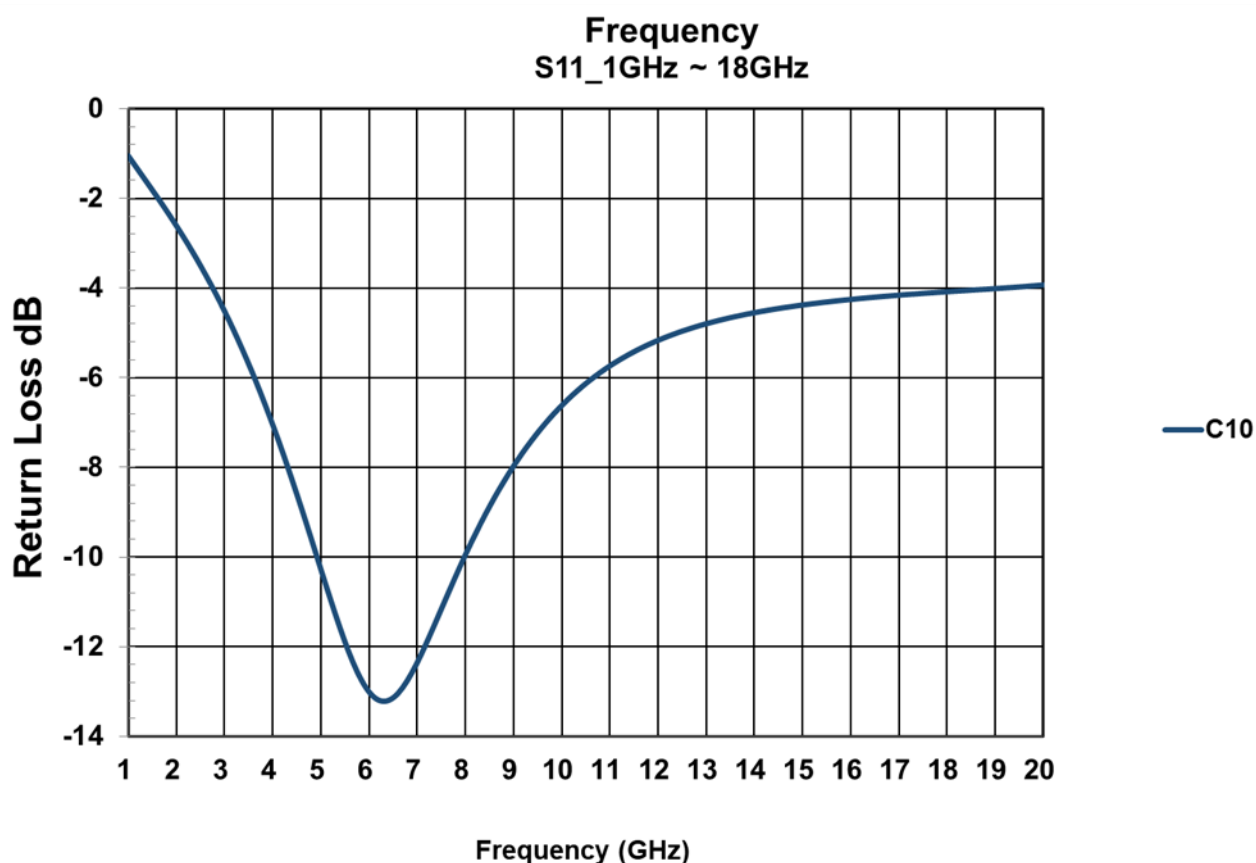
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications:

| Item Reflection Loss | Description |
|---|------------------------------------|
| Part No | C10 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after croppng) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 1.0±0.1mm |
| Maximum microwave absorption range | 6.3±0.5GHz |
| Maximum microwave absorption | < -10dB |
| (-10dB) Bandwidth range | 5.0~8.0 GHz |
| Operating Temperature | -40°C ~ +80°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ¹¹ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



Return Loss dB : 1GHz ~ 20GHz



Affixed to the surface of the metal cover

Product code

Encode:C10-XXX

X : Thickness (mm)

General information

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Technical Data Sheet

Ka01

Microwave noise absorbing sheet

Product Description:

FeedPool®Ka01 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth(30 ~ 36GHz · -10dB)
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent film is halogen-free, PVC-free, lead-free.

Product Applications

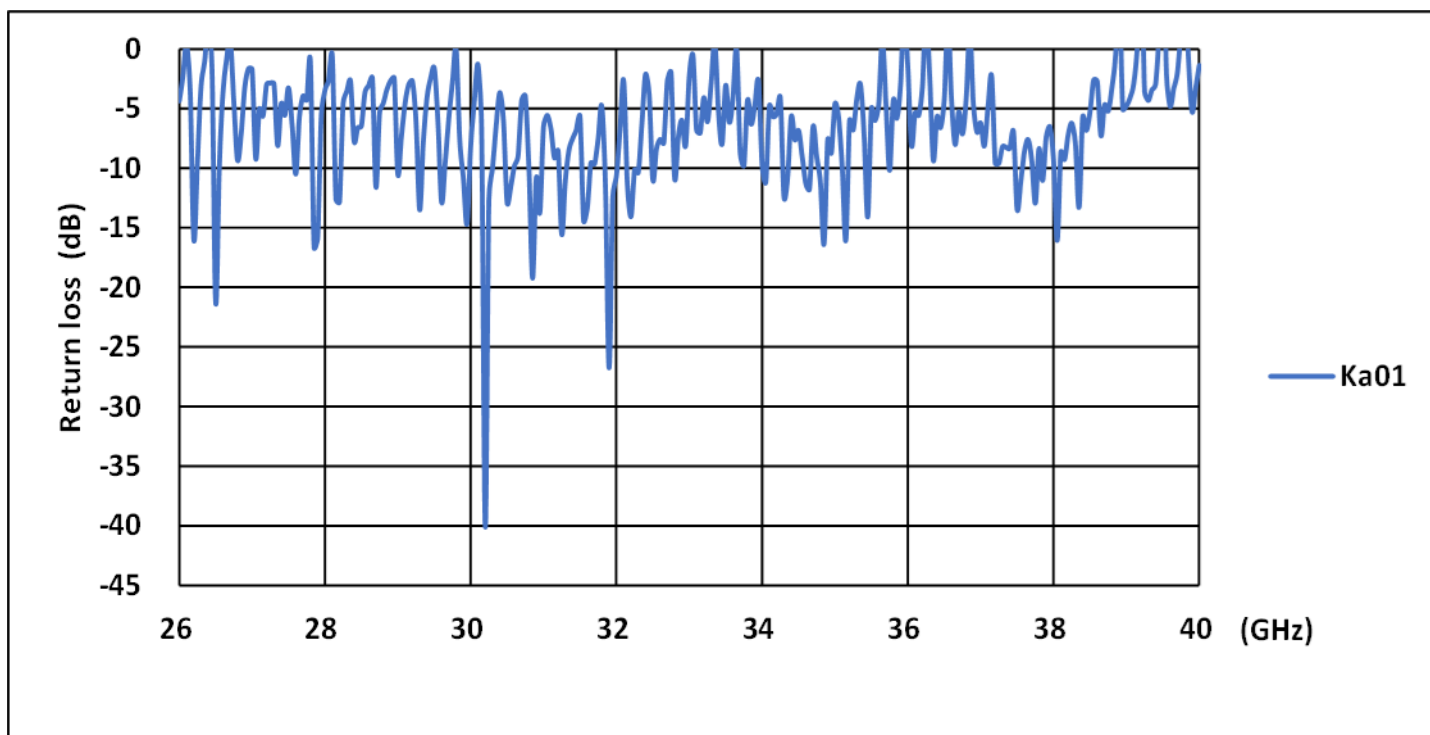
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications:

| Item Reflection Loss | Description |
|---|------------------------------------|
| Part No | Ka01 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after croppng) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 1.0±0.1mm |
| Maximum microwave absorption range | 6.3±0.5GHz |
| Maximum microwave absorption | < -10dB |
| (-10dB) Bandwidth range | 5.0~8.0 GHz |
| Operating Temperature | -40°C ~ +80°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ¹¹ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



Return Loss dB : 26GHz ~ 40GHz



Affixed to the surface of the metal cover

Product code

Encode:Ka01-XXX

X : Thickness (mm)

General information

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Technical Data Sheet

Ka02

Microwave noise absorbing sheet

Product Description:

FeedPool®Ka02 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth.
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent film is halogen-free, PVC-free, lead-free.

Product Applications

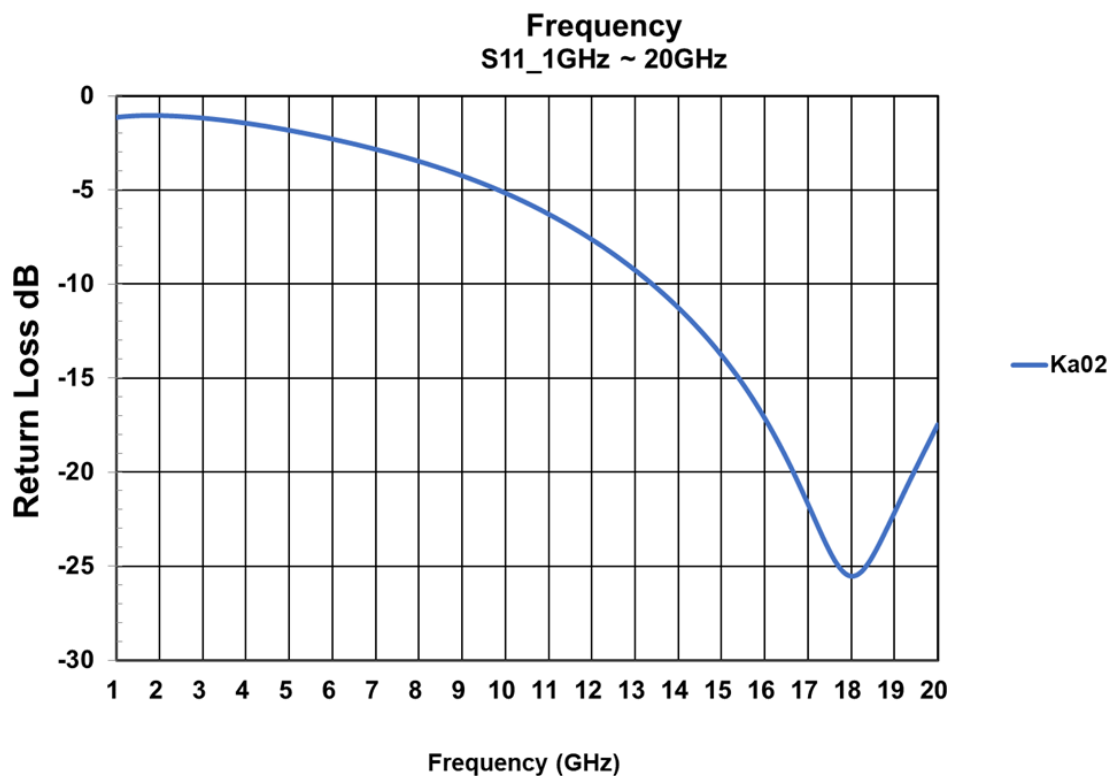
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications:

| Item Reflection Loss | Description |
|---|------------------------------------|
| Part No | Ka02 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after croppng) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 1.15±0.12mm |
| Maximum microwave absorption range | 18±1.0GHz |
| Maximum microwave absorption | < -20dB |
| Operating Temperature | -40°C ~ +80°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ⁶ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



Return Loss dB : 1GHz ~ 20GHz



Affixed to the surface of the metal cover

Product code

Encode:Ka02-XXX

X : Thickness (mm)

General information

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Technical Data Sheet

Ku01

Microwave noise absorbing sheet

Product Description:

FeedPool® Ku01 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth(8.5 ~ 13.6 GHz · -10dB)
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent film is halogen-free, PVC-free, lead-free.

Product Applications

- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

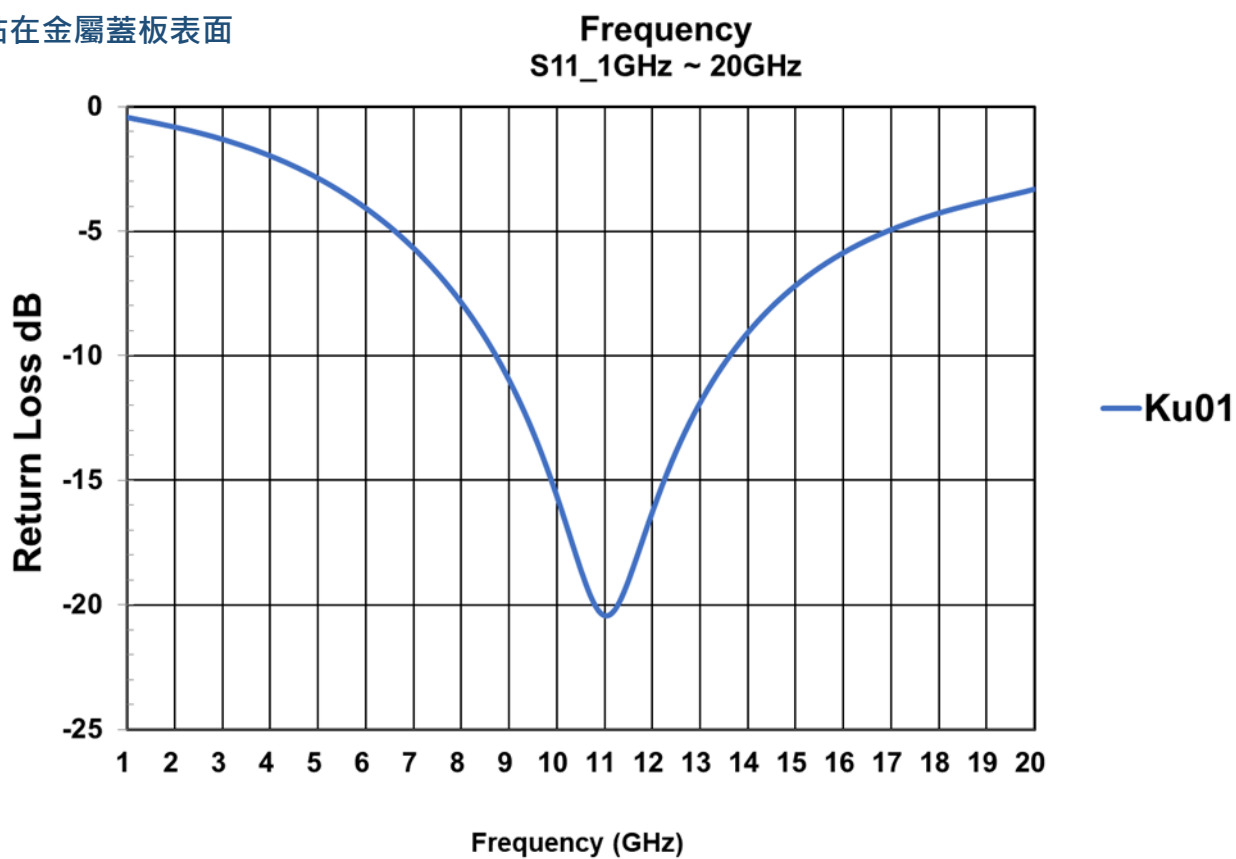
Product Specifications:

| Item Reflection Loss | Description |
|---|------------------------------------|
| Part No | Ku01 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after croppng) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 1.27±0.2mm |
| Maximum microwave absorption range | 11.0±1.0GHz |
| Maximum microwave absorption | <-20dB |
| (-10dB) Bandwidth range | 8.5~13.6 GHz |
| Operating Temperature | -40°C ~ +80°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ¹¹ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



Return Loss dB : 1GHz ~ 20GHz

貼在金屬蓋板表面



Affixed to the surface of the metal cover

Product code

Encode:Ku01-XXX

X : Thickness (mm)

General information

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Technical Data Sheet

Ku02

Microwave noise absorbing sheet

Product Description:

FeedPool® Ku02 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth(9.0 ~ 14.5 GHz · -10dB)
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent film is halogen-free, PVC-free, lead-free.

Product Applications

- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

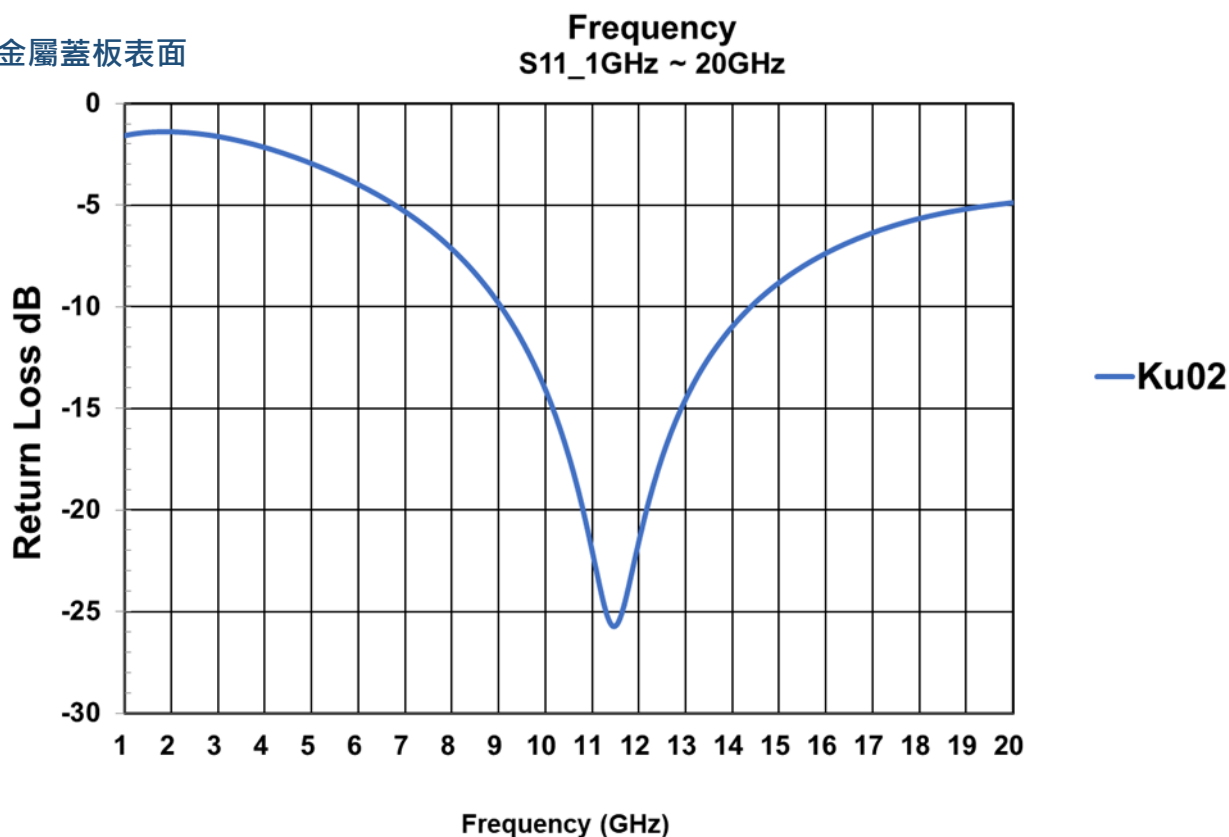
Product Specifications:

| Item Reflection Loss | Description |
|---|------------------------------------|
| Part No | Ku02 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after croppng) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 1.36±0.2mm |
| Maximum microwave absorption range | 11.5±1.0GHz |
| Maximum microwave absorption | < -20dB |
| (-10dB) Bandwidth range | 9.0~14.5 GHz |
| Operating Temperature | -40°C ~ +80°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ¹¹ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



Return Loss dB : 1GHz ~ 20GHz

貼在金屬蓋板表面



Affixed to the surface of the metal cover

Product code

Encode:Ku02-XXX

X : Thickness (mm)

General information

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Technical Data Sheet

Ku03

Microwave noise absorbing sheet

Product Description:

FeedPool® Ku03 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth(11.3~18.0GHz · -10dB)
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent film is halogen-free, PVC-free, lead-free.

Product Applications

- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

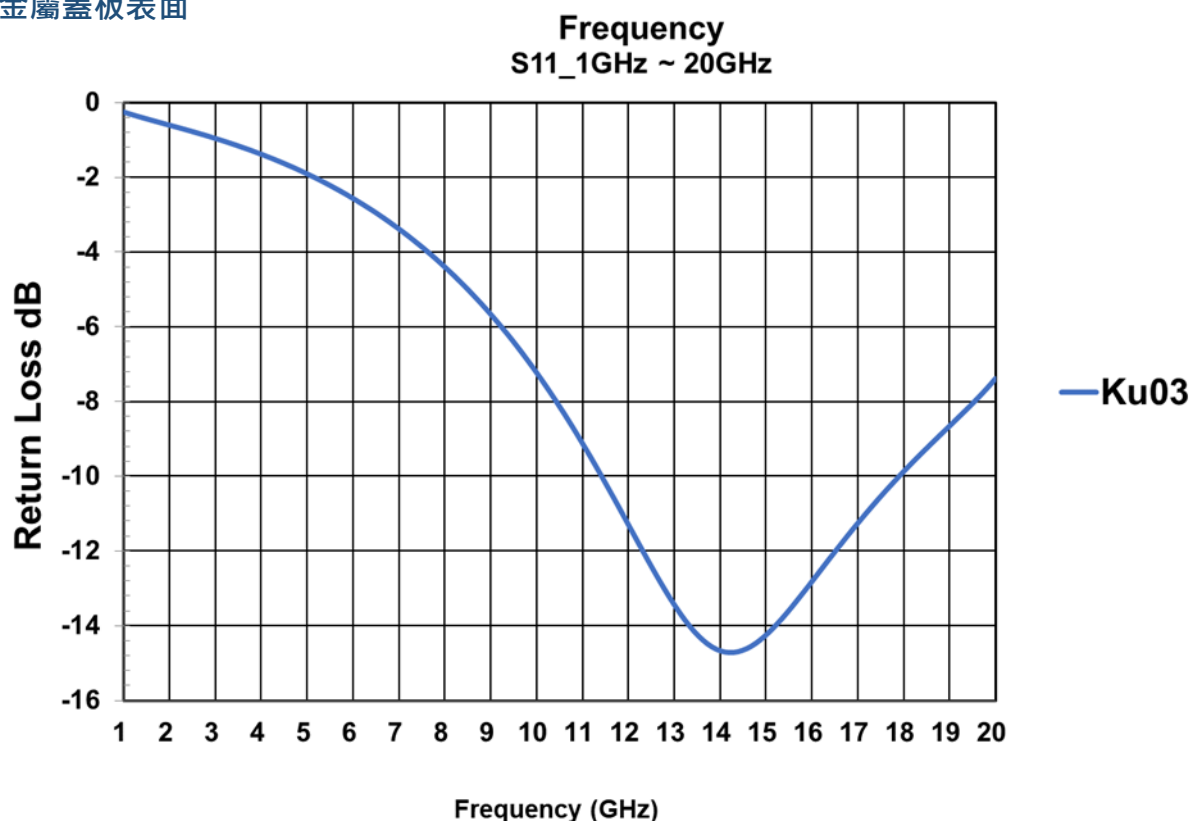
Product Specifications:

| Item Reflection Loss | Description |
|---|------------------------------------|
| Part No | Ku03 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after croppng) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 1.02±0.2mm |
| Maximum microwave absorption range | 14.2±1.0GHz |
| Maximum microwave absorption | <-15dB |
| (-10dB) Bandwidth range | 11.3~18.0 GHz |
| Operating Temperature | -40°C ~ +80°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ¹¹ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



Return Loss dB : 1GHz ~ 20GHz

貼在金屬蓋板表面



Affixed to the surface of the metal cover

Product code

Encode:Ku03-XXX

X : Thickness (mm)

General information

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Technical Data Sheet

Ku03-1

Microwave noise absorbing sheet

Product Description:

FeedPool® Ku03-1 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth(10.5~16.0GHz · -10dB)
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent film is halogen-free, PVC-free, lead-free.

Product Applications

- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

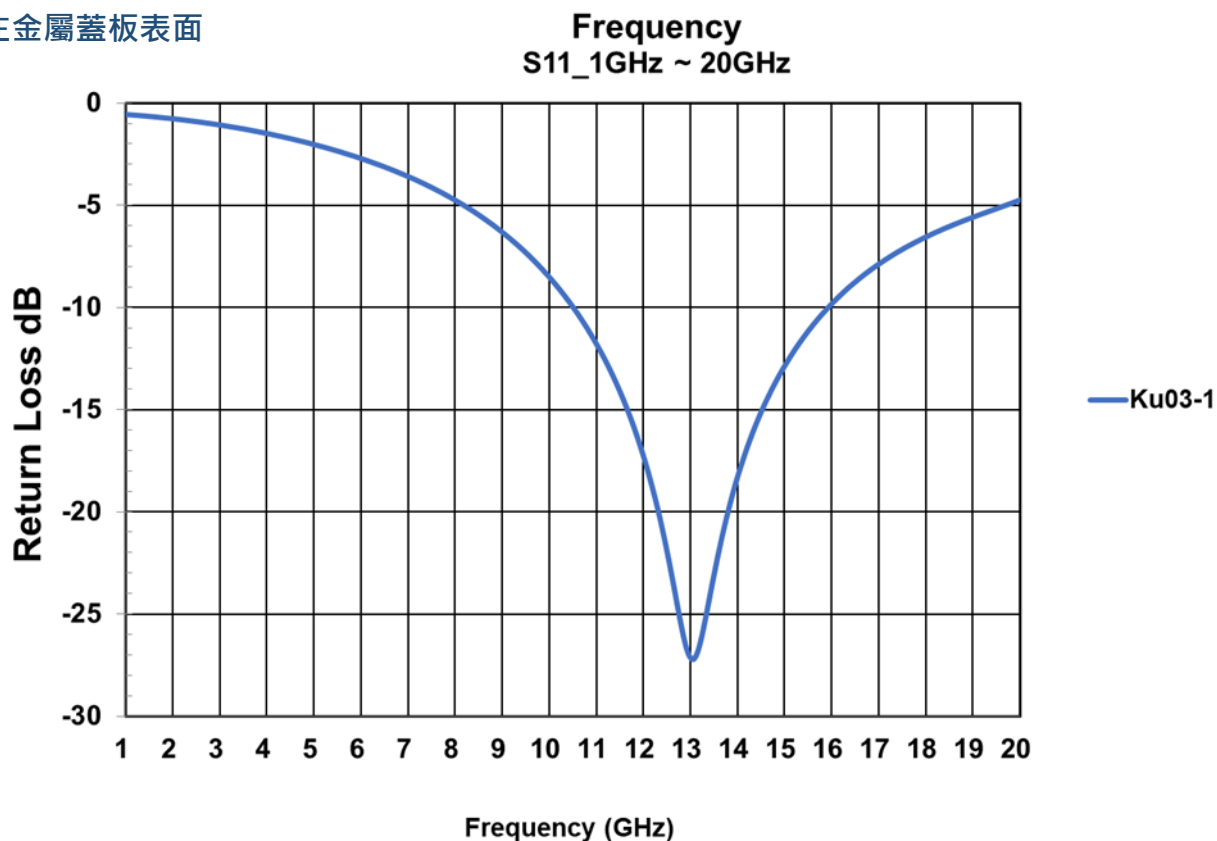
Product Specifications:

| Item Reflection Loss | Description |
|---|------------------------------------|
| Part No | Ku03-1 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after cropping) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 1.2±0.1mm |
| Maximum microwave absorption range | 13.0±1.0GHz |
| Maximum microwave absorption | < -20dB |
| (-10dB) Bandwidth range | 10.5~16.0 GHz |
| Operating Temperature | -40°C ~ +80°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ¹¹ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



Return Loss dB : 1GHz ~ 20GHz

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Affixed to the surface of the metal cover

Product code

Encode:Ku03-1-XXX

X : Thickness (mm)

General information

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Technical Data Sheet

Ku06S-01

Microwave noise absorbing sheet

Product Description

FeedPool® Ku06S-01 Microwave noise absorbing sheet is made of unique magnetic powder and Silicone, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features

- Wide absorption bandwidth
- Effectively solve the resonance of the signal in the metal space.
- Absorb noise generated by cavity resonance.
- Halogen-free and lead-free.

Product Applications

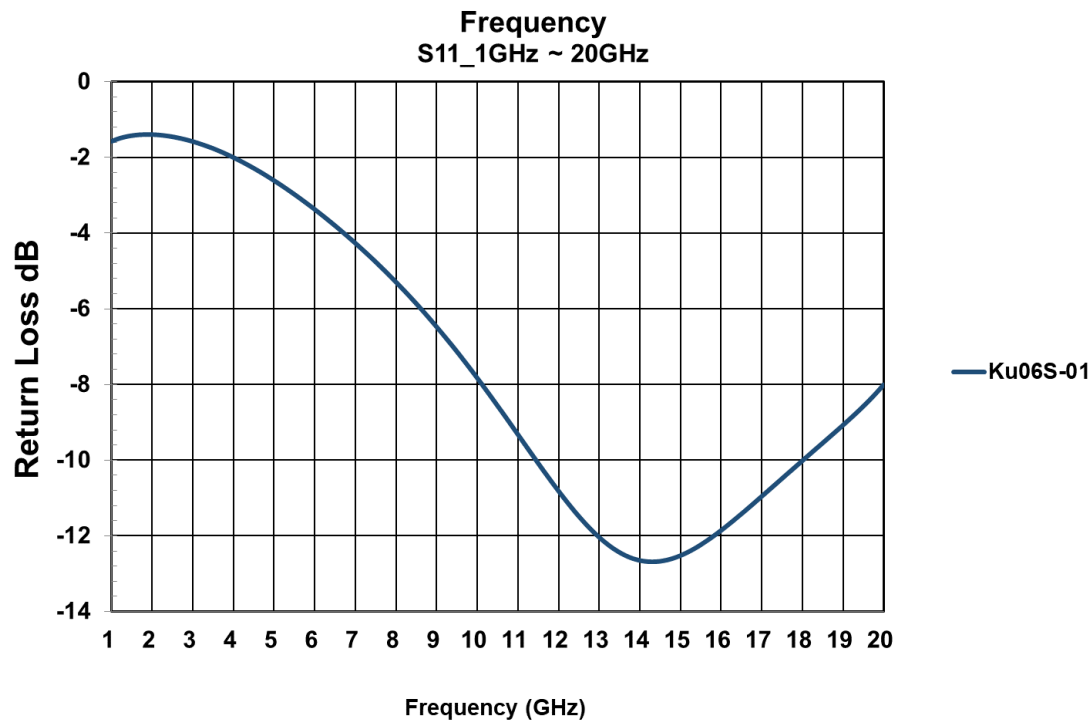
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications

| Item | Description |
|--------------------------------------|------------------------------------|
| Reflection Loss | |
| Part No | Ku06S-01 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after croppng) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 0.76±0.13mm |
| Maximum microwave absorption range | 14.0±2.0GHz |
| Maximum microwave absorption | < -10dB |
| (-10dB) Bandwidth range | 11.5~18.0 GHz |
| Operating Temperature | -40°C ~ +200°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ⁶ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



Return Loss dB: 1GHz ~ 20GHz



Commodity code

Encode:Ku06S-01-XXX

X : Thickness (mm)

General information

- For more information about safe handling, please refer to the Safety Data Sheet (SDS).
- Technical datas are tested in the laboratory of Feedpool Technology Co.,Ltd.

20240301 Revisions

Feedpool Technology Co.,Ltd.

Address: No.7,Lane 607,Yung Ping Road, Yangmei City Taoyuan, Taiwan.

Website: www.feedpool.com Tel: 886-3-4813158 Fax: 886-3-4813059



Technical Data Sheet

Ku10S

Microwave noise absorbing sheet

Product Description:

Ku10S Microwave Miscellaneous Absorber Sheet is made of a mixture of special magnetic powder and silicon, which can suppress or absorb the radiation of electronic equipment and can be used in the Ku-frequency segment, with excellent reflection attenuation and suppression of electromagnetic waves.

Product Features:

- Absorption Frequency Wide (11.5 ~ 18 GHz, -10dB)
- Resistant to high temperature environments.
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent sheet is halogen-free, PVC-free, lead-free.

Product Applications

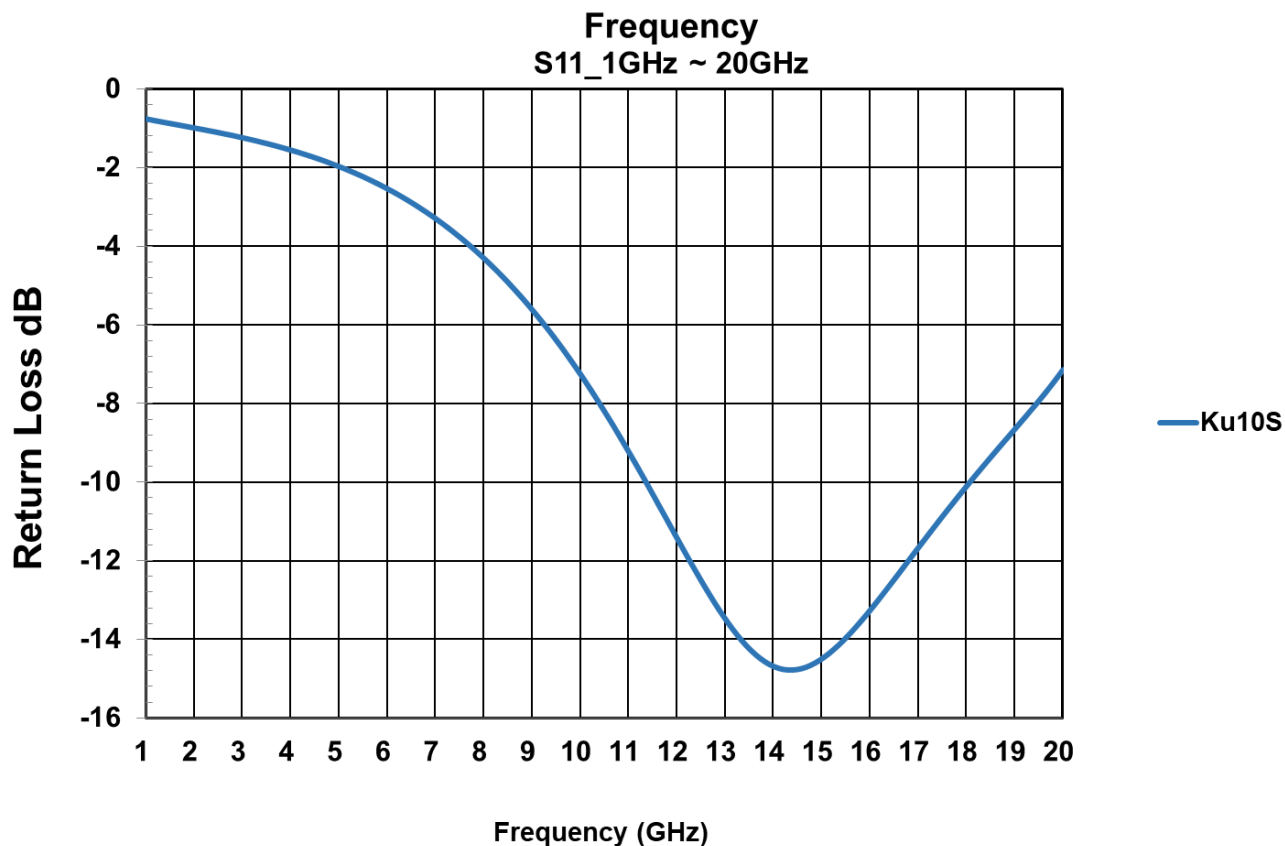
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications:

| Ltem Reflection Loss | Describe |
|---|--|
| Part No | Ku10 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after cropping) | According to each size (±0.2mm) |
| Thicknrss (without adhesive backing) | 0.7±0.1mm |
| Maximum microwave absorption range | 14.5±1.5GHz |
| Maximum microwave absorption | <-14dB |
| (-10dB) Bandwidth range | 11.5~18GHz |
| Service Temperature | -40°C ~ +200°C |
| Water Absorption 24hrs | < 0.3% |
| Volume resistance | > 10 ⁶ Ω cm |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf life Years | 3 Years Normal room temperature (Moisture < 70%RH) |



Return Loss dB : 1GHz ~ 20GHz



Commodity code

Encode:Ku10S-XXX

X : Thickness (mm)

General information

- For information on the safe handling of this product, please refer to the Safety Data Sheet (SDS).
- Technical data is tested under the laboratory conditions of Feedpool Technology Co., Ltd.

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Technical Data Sheet

Ku11S

Microwave noise absorbing sheet

Product Description

FeedPool®Ku11S Microwave noise absorbing sheet is made of unique magnetic powder and Silicone, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features

- Wide absorption bandwidth
- Effectively solve the resonance of the signal in the metal space.
- Absorb noise generated by cavity resonance.
- Halogen-free and lead-free.

Product Applications

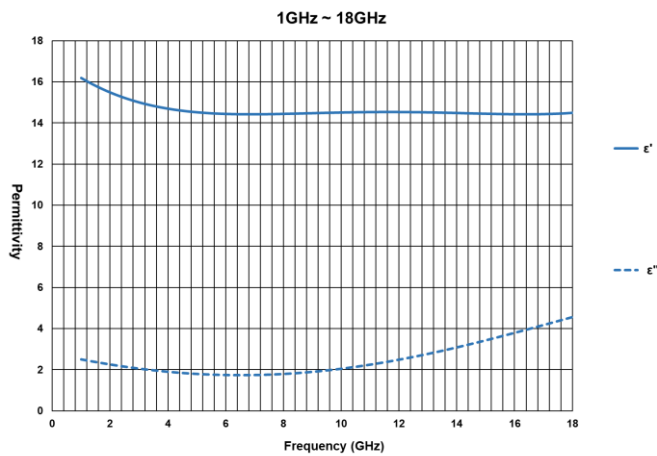
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications

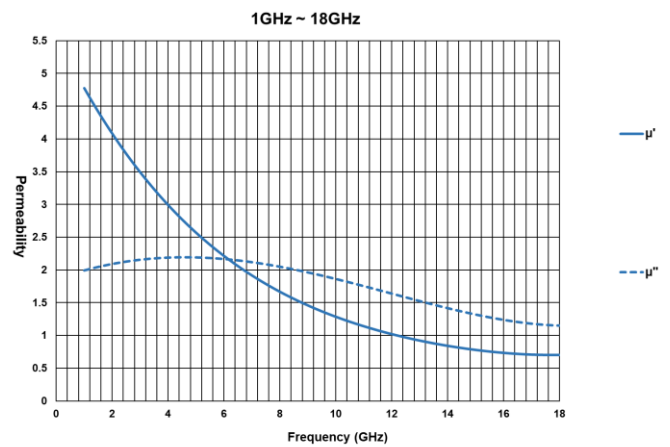
| Item Reflection Loss | Description |
|--------------------------------------|--------------------------------------|
| Part No | Ku11S |
| Standard Size (before cutting) | 200x200(±10mm)xT |
| Standard Size (after cutting) | According to each size (±0.2mm) |
| Thickness (without adhesive tape) | 0.25±0.05mm |
| Operating Temperature | -40°C ~ +200°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ⁶ Ω cm |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C · Moisture < 70%RH) |



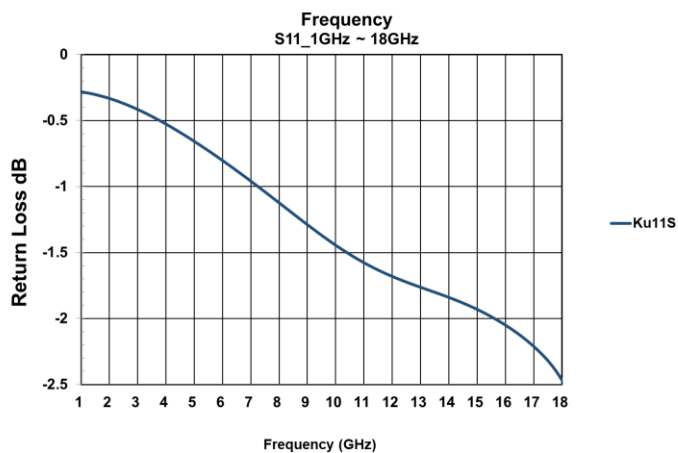
Permittivity



Permeability



Return Loss dB: 1GHz ~ 18GHz



General information

- For more information about safe handling, please refer to the Safety Data Sheet (SDS).
- Technical datas are tested in the laboratory of Feedpool Technology Co.,Ltd.

Commodity code

Encode:Ku11S-XXX
X : Thickness (mm)

20240301 Revisions

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Technical Data Sheet

S01

Microwave noise absorbing sheet

Product Description:

FeedPool®S01 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth(1.5 ~ 3.5 GHz · -10dB)
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent film is halogen-free, PVC-free, lead-free.

Product Applications

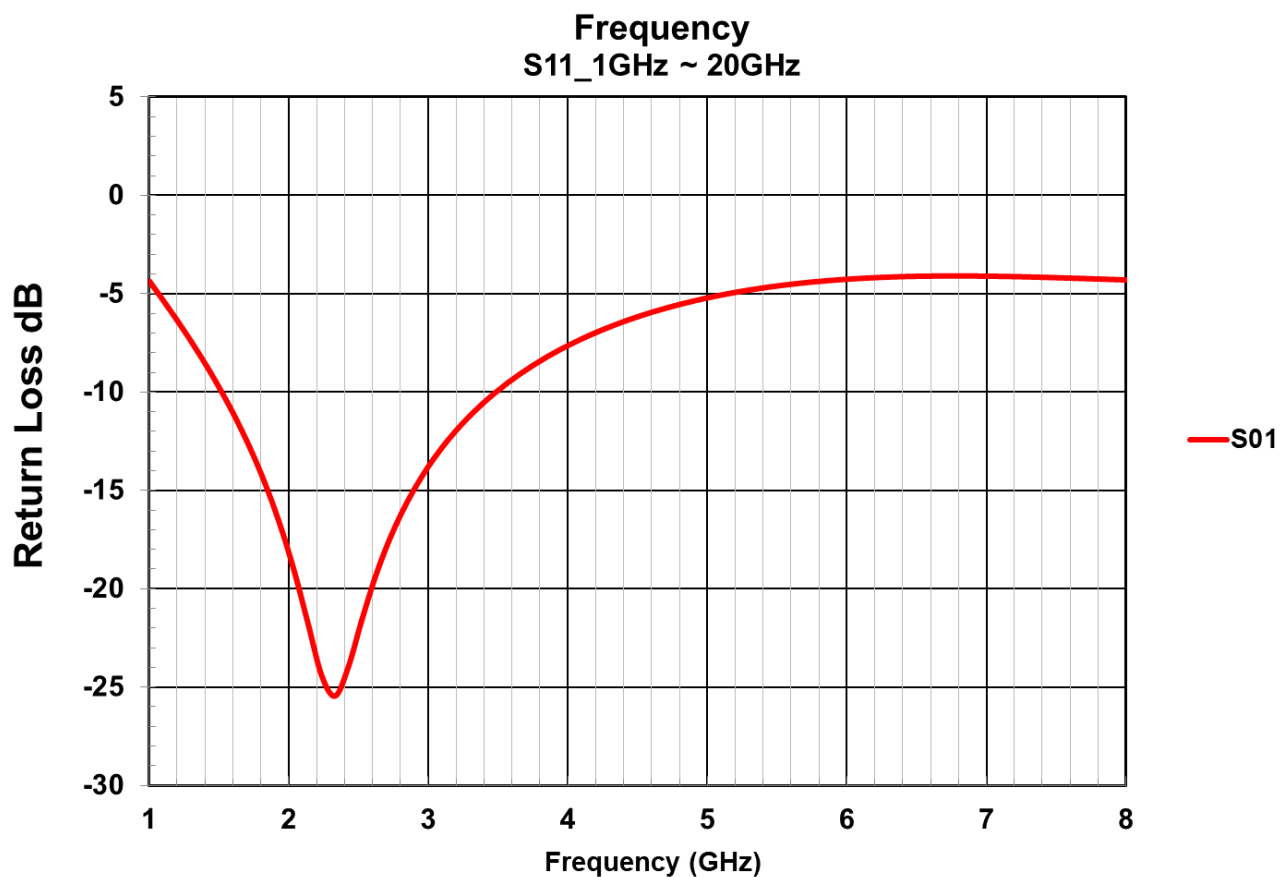
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications:

| Item Reflection Loss | Description |
|---|------------------------------------|
| Part No | S01 |
| Standard suze (before cutting) | 300x300(±10mm)xT |
| Standard suze (after croppng) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 3.0±0.2mm |
| Maximum microwave absorption range | 2.35±0.5GHz |
| Maximum microwave absorption | <-20dB |
| (-10dB) Bandwidth range | 1.5~3.5GHz |
| Operating Temperature | -40°C ~ +120°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ⁶ Ω cm |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



(Return Loss dB) : 1GHz ~ 8GHz



Affixed to the surface of the metal cover

Product code

Encode:S01-XXX

X : Thickness (mm)

General information

- For information on the safe handling of this product, please refer to the Safety Data Sheet (SDS).
- Technical data is tested under the laboratory conditions of Feedpool Technology Co., Ltd.

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Technical Data Sheet

S03

Microwave noise absorbing film

Product Description:

FeedPool®S03 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth(1.6 ~ 3.2 GHz · -10dB)
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent film is halogen-free, PVC-free, lead-free.

Product Applications

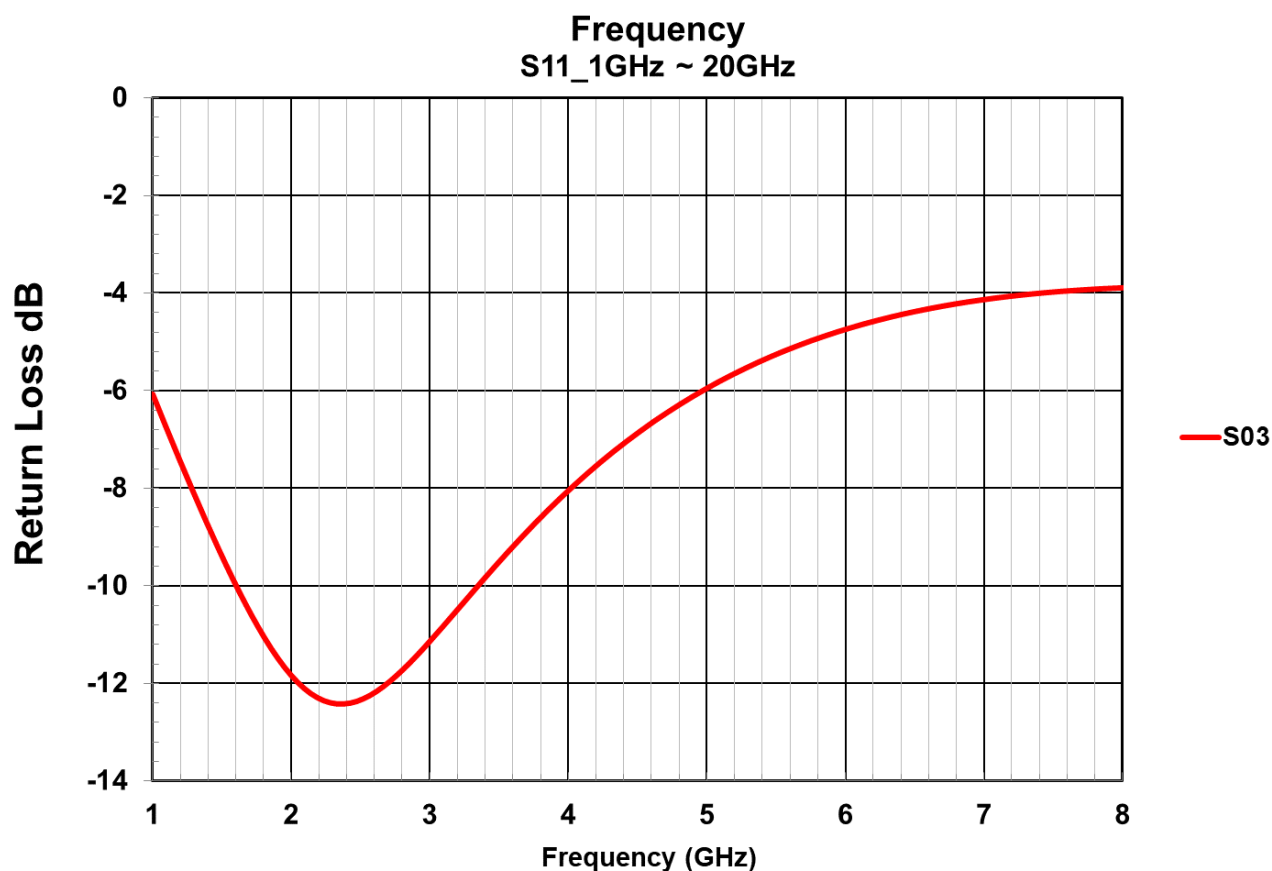
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications:

| Item Reflection Loss | Description |
|---|------------------------------------|
| Part No | S03 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after croppng) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 1.75±0.15mm |
| Maximum microwave absorption range | 2.45±0.5GHz |
| Maximum microwave absorption | <-10dB |
| (-10dB) Bandwidth range | 1.6~3.2GHz |
| Operating Temperature | -40°C ~ +120°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ⁶ Ω cm |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C Moisture < 70%RH) |



Reflection loss plot (Return Loss dB) : 1GHz ~ 20GHz



Affixed to the surface of the metal cover

Product code

Encode:S03-XXX

X : Thickness (mm)

General information

- For information on the safe handling of this product, please refer to the Safety Data Sheet (SDS).
- Technical data is tested under the laboratory conditions of Feedpool Technology Co., Ltd.

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Technical Data Sheet

X01

Microwave noise absorbing sheet

Product Description

FeedPool®X01 Microwave noise absorbing sheet is made of unique magnetic powder and rubber, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of reflection attenuation and electromagnetic wave suppression.

Product Features

- Wide absorption bandwidth
- Effectively solve the resonance of the signal in the metal space.
- Absorb noise generated by cavity resonance.
- Halogen-free and lead-free.

Product Applications

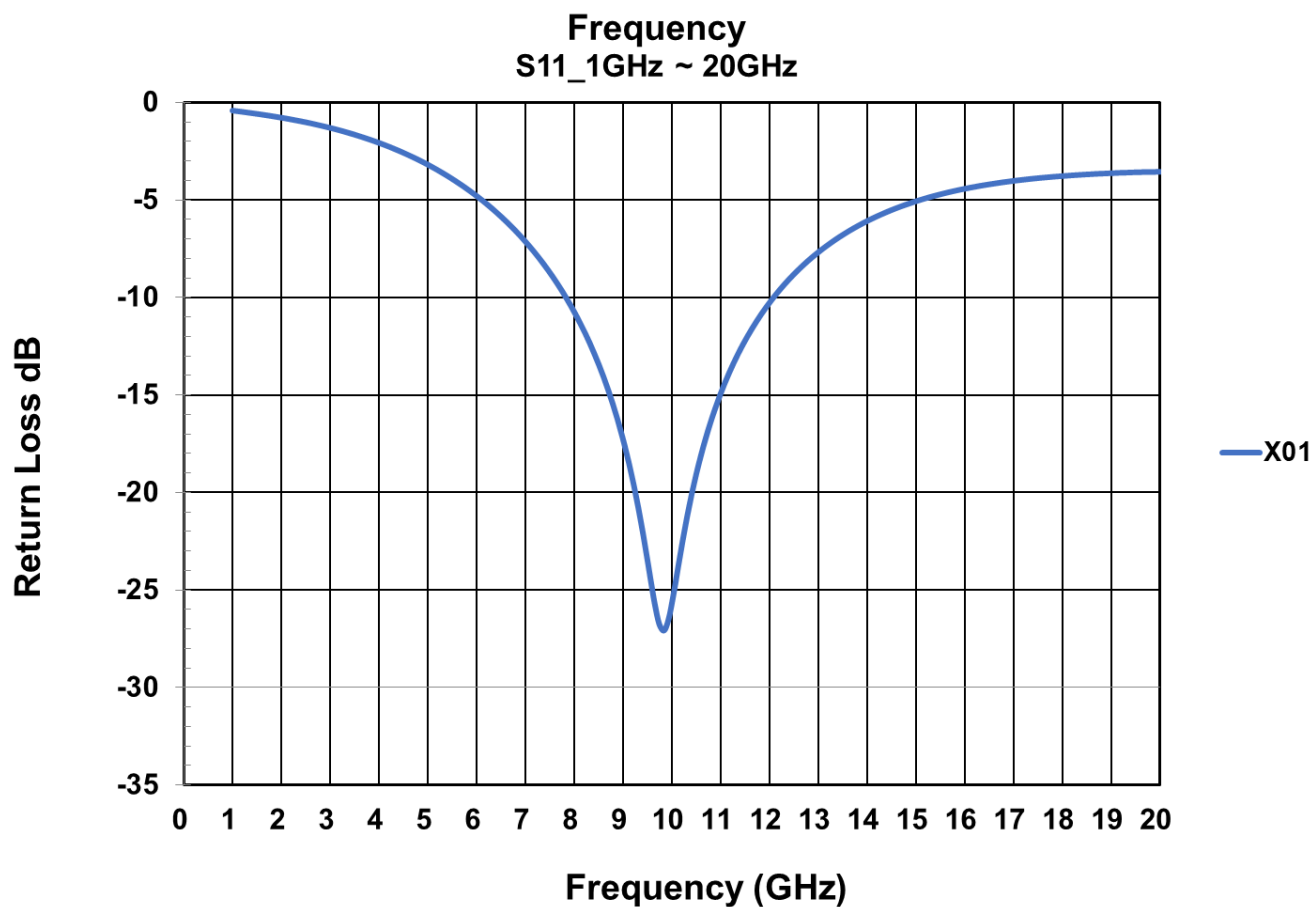
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications

| Item Reflection Loss | Description |
|---|--------------------------------------|
| Part No | X01 |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after cropping) | According to each size (±0.2mm) |
| Thickness (without adhesive backing) | 1.55±0.2mm |
| Maximum microwave absorption range | 9.8±1.0GHz |
| Maximum microwave absorption | < -20dB |
| (-10dB) Bandwidth range | 8~12 GHz |
| Operating Temperature | -40°C ~ +80°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity | > 10 ⁶ Ω cm |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf Life | 3 Years (25°C · Moisture < 70%RH) |



Return Loss dB: 1GHz ~ 18GHz



General information

- For more information about safe handling, please refer to the Safety Data Sheet (SDS).
- Technical datas are tested in the laboratory of Feedpool Technology Co.,Ltd.

Commodity code

Encode:X01-XXX

X : Thickness (mm)

20240301 Revisions

Feedpool Technology Co.,Ltd.

Address: No.7,Lane 607,Yung Ping Road, Yangmei City Taoyuan, Taiwan.

Website: www.feedpool.com Tel: 886-3-4813158 Fax: 886-3-4813059



Technical Data Sheet

EW100B

Microwave Noise Absorbing Sheet

Product Description:

FeedPool®EW100B Microwave noise absorbing sheet is made of unique magnetic powder and Silicone, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of penetrate attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent sheet is halogen-free, PVC-free, lead-free.

Product Applications:

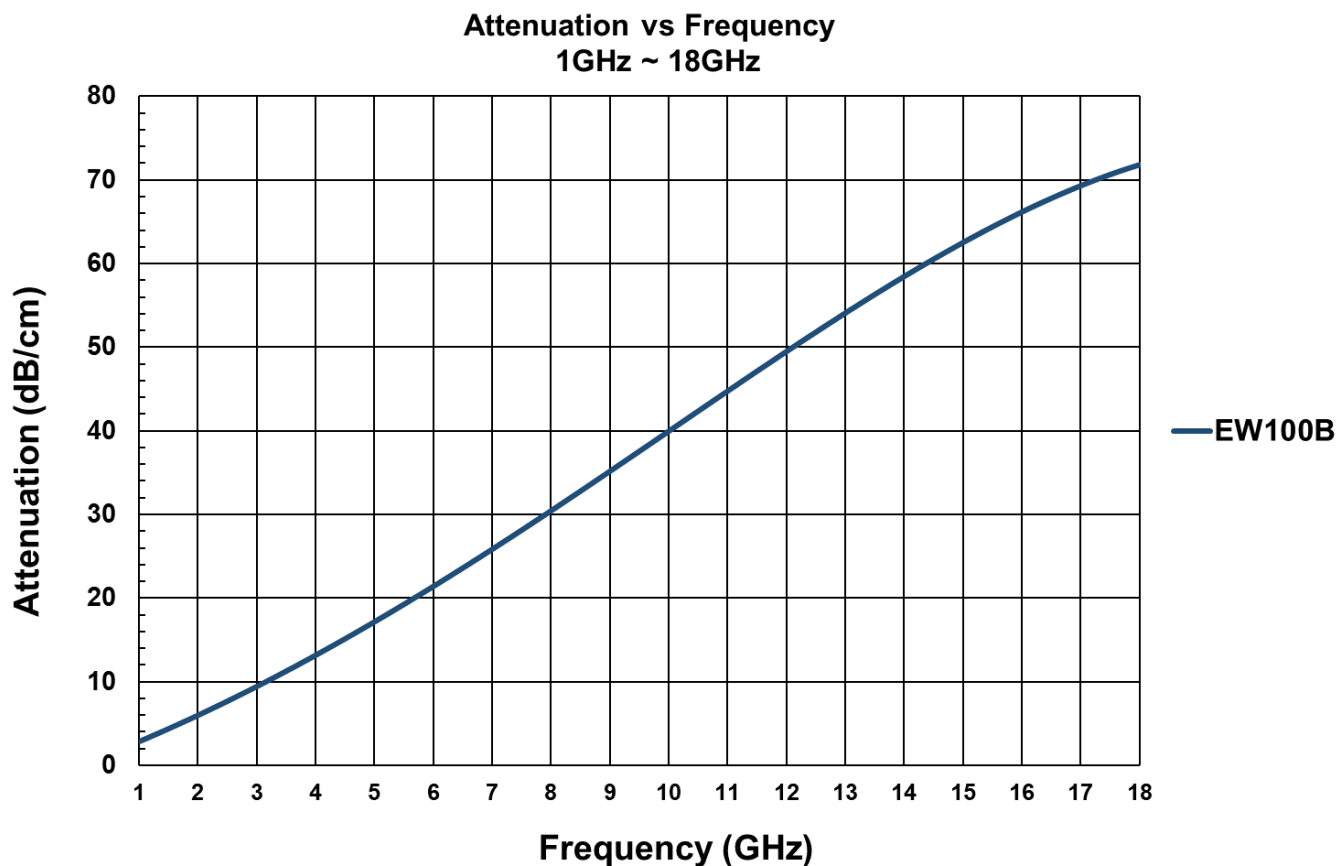
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications:

| Item | Description |
|---|---|
| Part No | EW100B |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after cropping) | According to each size (±0.2mm) |
| Required thickness (without adhesive backing) | According to the Attenuation diagram Select the corresponding frequency and dB value |
| Microwave attenuation value | See the Attenuation diagram |
| Operating Temperature | -40°C ~ +200°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity (ohm-cm) | > 10 ¹¹ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf life Years | 3 Years (25°C Moisture < 70%RH) |



Shield Attenuation : 1GHz ~ 18GHz



Commodity code:

Encode:EW100B-XXX

X : Thickness (mm)

General information:

- For information on the safe handling of this product, please refer to the Safety Data Sheet (SDS).
- Technical data is tested under the laboratory conditions of Feedpool Technology Co., Ltd.

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Technical Data Sheet

RF-200B

Microwave Noise Absorbing Sheet

Product Description:

FeedPool®RF-200B Microwave noise absorbing sheet is made of unique magnetic powder and Silicone, which can suppress or absorb noise radiation from electronic devices, This sheet has great performance of penetrate attenuation and electromagnetic wave suppression.

Product Features:

- Wide absorption bandwidth
- Effectively solve the resonance of the signal in the metal space.
- Absorbs noise generated by cavity resonance.
- Absorbent sheet is halogen-free, PVC-free, lead-free.

Product Applications:

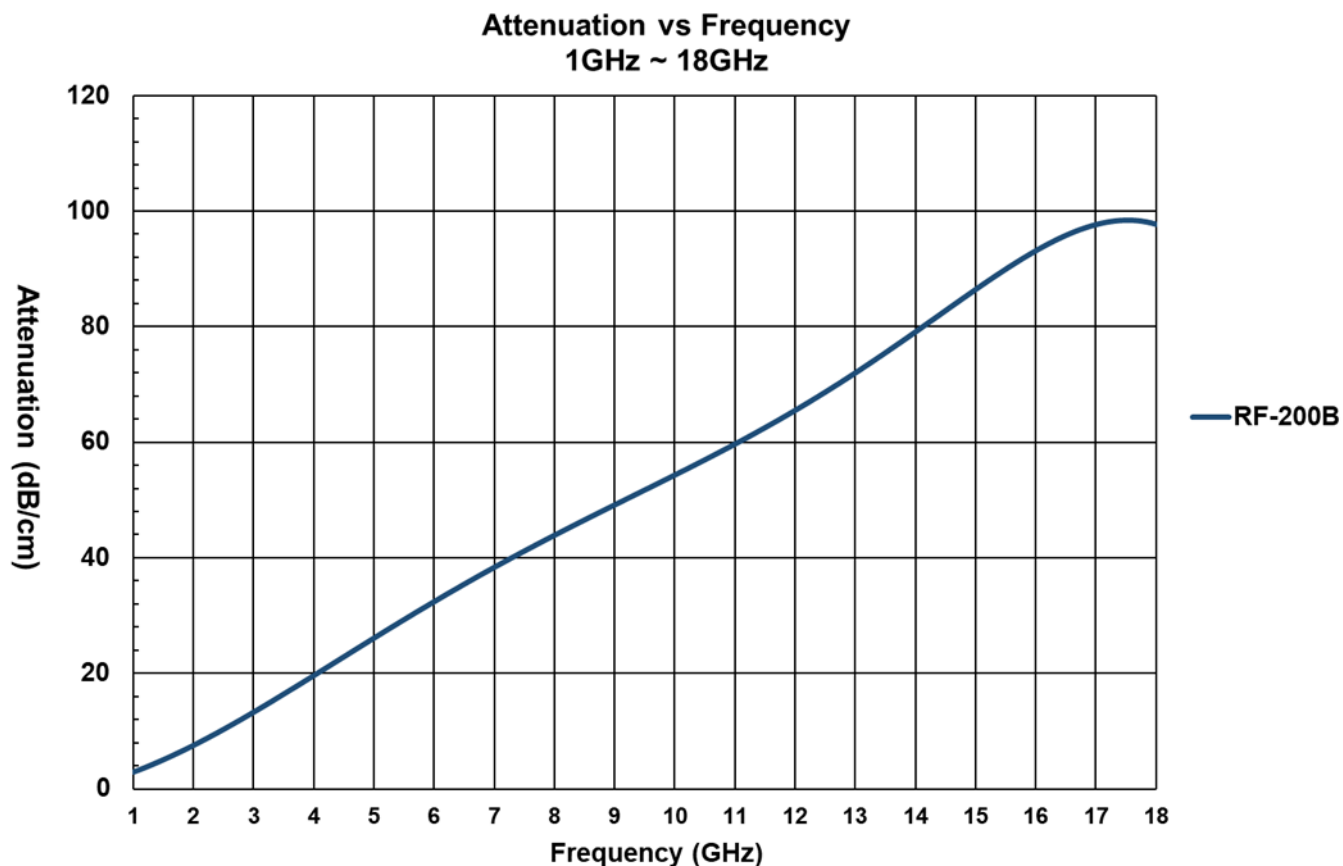
- Noise absorption of 3C electronic equipment, blocking and loss of radiated electromagnetic waves.
- High radiated noise suppression of electronic components.
- Examples: satellite communication, vibrators, frequency reducers.

Product Specifications:

| Item | Description |
|--------------------------------------|------------------------------------|
| Part No | RF-200B |
| Standard suze (before cutting) | 200x200(±10mm)xT |
| Standard suze (after cropping) | According to each size (±0.2mm) |
| Thicknrss (without adhesive backing) | 2.0±0.2mm |
| Maximum microwave absorption | <-20dB |
| Operating Temperature | -40°C ~ +200°C |
| Water Absorption 24hrs | < 0.3% |
| Volume Resistivity (ohm-cm) | > 10 ¹¹ ~ NA |
| Outdoor exposure | OK |
| Salt spray | OK (Good) |
| Color | Gray Black |
| Shelf life Years | 3 Years (25°C Moisture < 70%RH) |



Shield Attenuation : 1GHz ~ 18GHz



Commodity code:

Encode:RF-200B-XXX

X : Thickness (mm)

General information:

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