

CDMA-06

Features:

Specially Designed for CDMA Repeater
Confirm to ITU Technical Standards
High Rejection
Compact Size

Applications:

CDMA Repeater, Line Amplifier



Technical Specifications:

Frequency Range: 1920 to 1980MHz
Insertion Loss: 1dB maximum
0.8dB typical
Inband Ripple: 0.5dB p-p maximum
Return Loss: 18dB minimum
Outband Rejection:
≥45dB @ 1900MHz ~ 2000 MHz
≥90dB @ 2110 ~ 2170MHz

Power Handling: 100 watts

Operating Temperature: -30 to +75 °C

Storage Temperature: -40 to +85 °C

Operating Humidity: 0 to 90%, relative

Dimension: 124×62×28mm

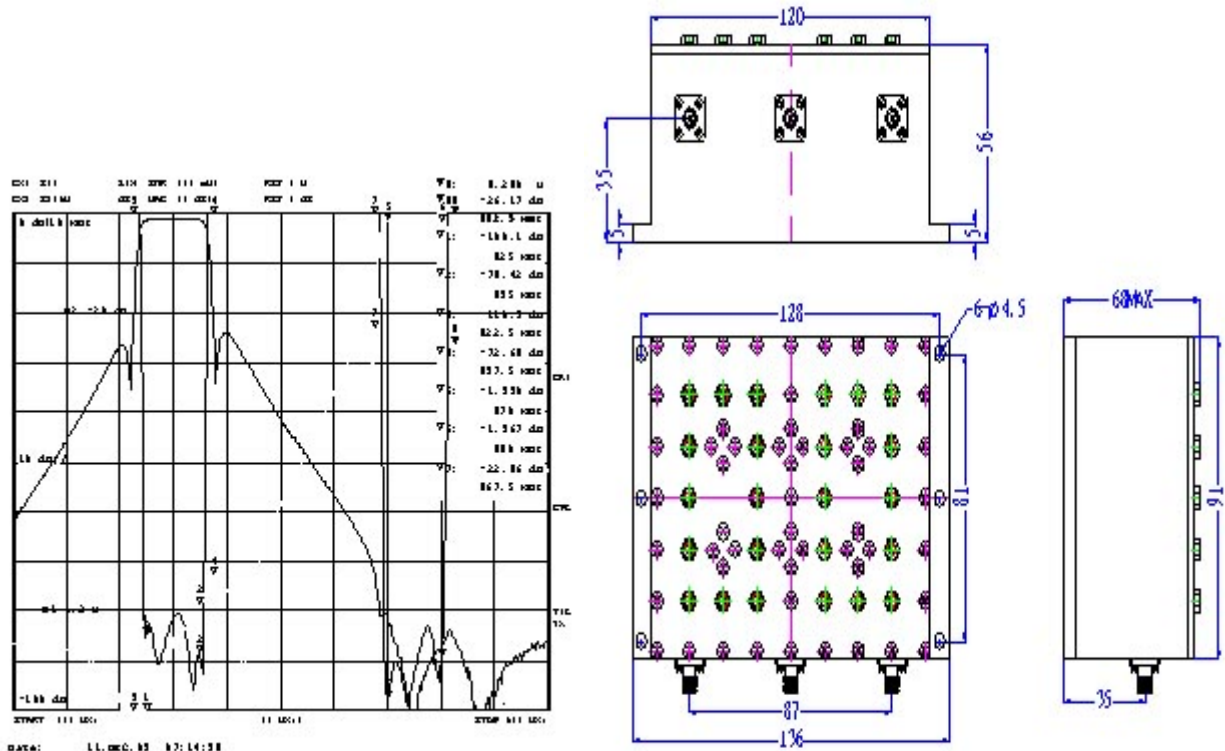
Connectors: SMA/N

CALL OUR SALES DEPARTMENT FOR MORE INFORMATION OR VARIATIONS OF THIS PRODUCT.

Corry Micronics, Inc. One Plastics Rd. - Corry, PA 16407
(814) 664-7728 Fax (814) 664-4582 www.cormic.com

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Outline Drawing:



Notes:

Connector type is optional of N-type or SMA, according to requirements.

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CDMA-07

Features:

Specially Designed for CDMA Repeater
Confirm to ITU Technical Standards
High Rejection
Compact Size

Applications:

CDMA Repeater, Line Amplifier



Technical Specifications:

Frequency Range: 825 to 835MHz
870 to 880MHz
Insertion Loss: 1.5dB maximum
1.2dB typical
Passband Ripple: 0.5dB p-p maximum
Return Loss: 18dB minimum
Stopband Attenuation:
≥8dB @ $f_0 \pm 7.5\text{MHz}$
≥90dB @ Channel Isolation

Power: 10 watts

Operating Temperature: -30 to +75 °C

Storage Temperature: -40 to +85 °C

Operating Humidity: 0 to 90%, relative

Dimension : 120×91×56mm

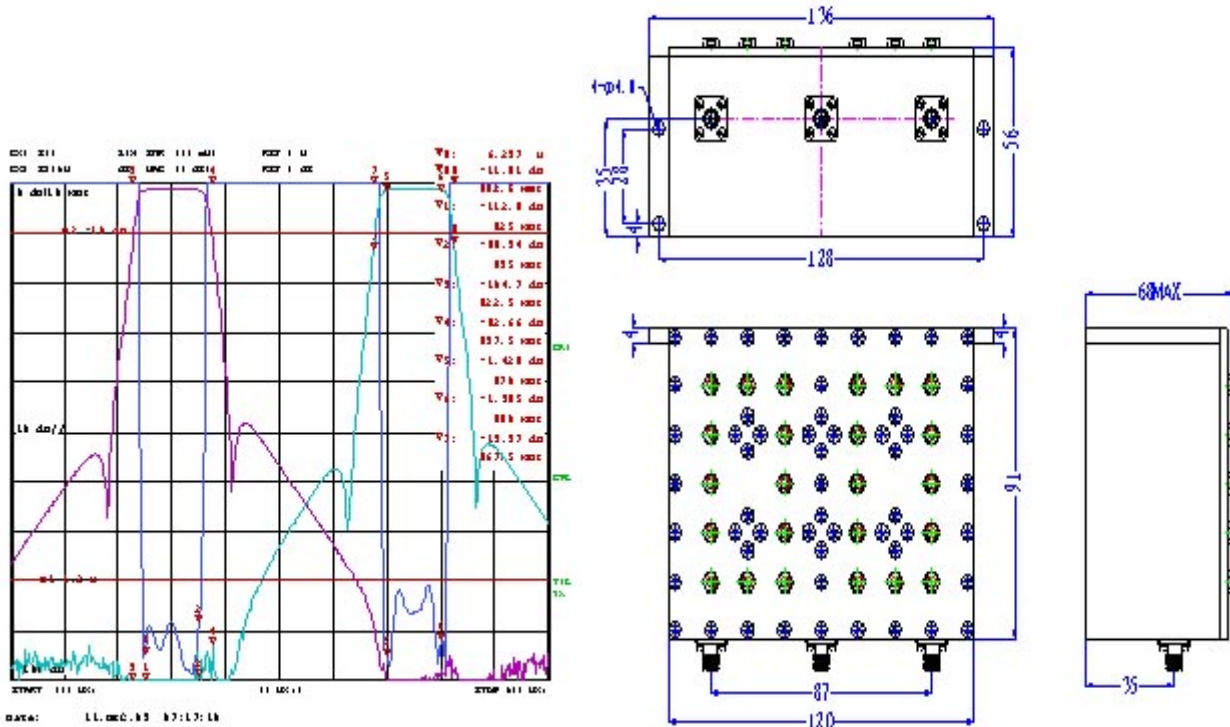
Connectors: SMA/N

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Outline Drawing:



Notes:
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GSM-01

Features:

Specially Designed for GSM Repeater
Confirm to ITU Technical Standards
High Rejection
Compact Size

Applications:

GSM Repeater



Technical Specifications:

Frequency Range: 909 to 915MHz
954 to 960MHz
Insertion Loss: 1dB maximum
0.6dB typical
Passband Ripple: 0.5dB p-p maximum
Return Loss: 18dB minimum
Outband Rejection:
≥90dB @ Channel Isolation

Power: 10 watts

Operating Temperature: -30 to +75 °C

Storage Temperature: -40 to +85 °C

Operating Humidity: 0 to 90%, relative

Dimension: 120×91×56mm

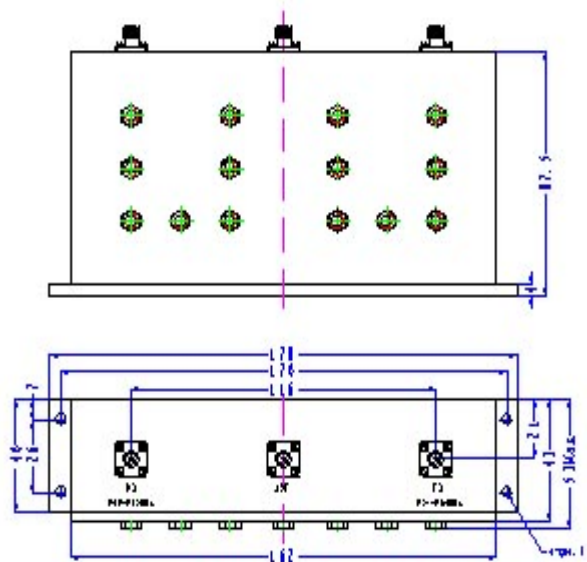
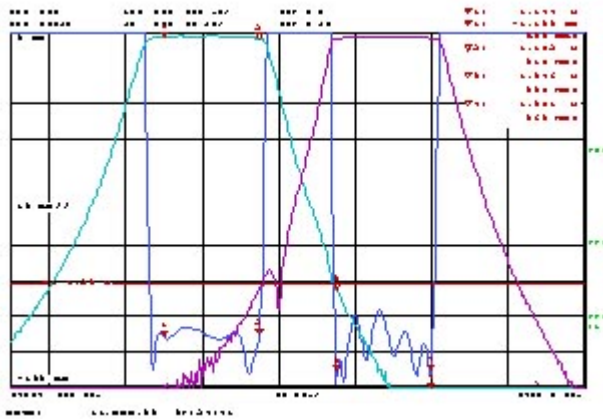
Connectors: SMA/SMA

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Outline Drawing:



Notes:

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GSM-04

Features:

Specially Designed for GSM Repeater
Confirm to ITU Technical Standards
High Rejection
Compact Size

Applications:

GSM Repeater



Technical Specifications:

Frequency Range: 890 to 915MHz
935 to 960MHz
Insertion Loss: 1.8dB maximum
1.5dB typical
Passband Ripple: ± 0.5 dB p-p maximum
Return Loss: 18dB minimum
Outband Rejection:
 ≥ 70 dB @ Channel Isolation

Power Handling: 10 Watts

Operating Temperature: -30 to +75 °C

Storage Temperature: -40 to +85 °C

Operating Humidity: 0 to 90%, relative

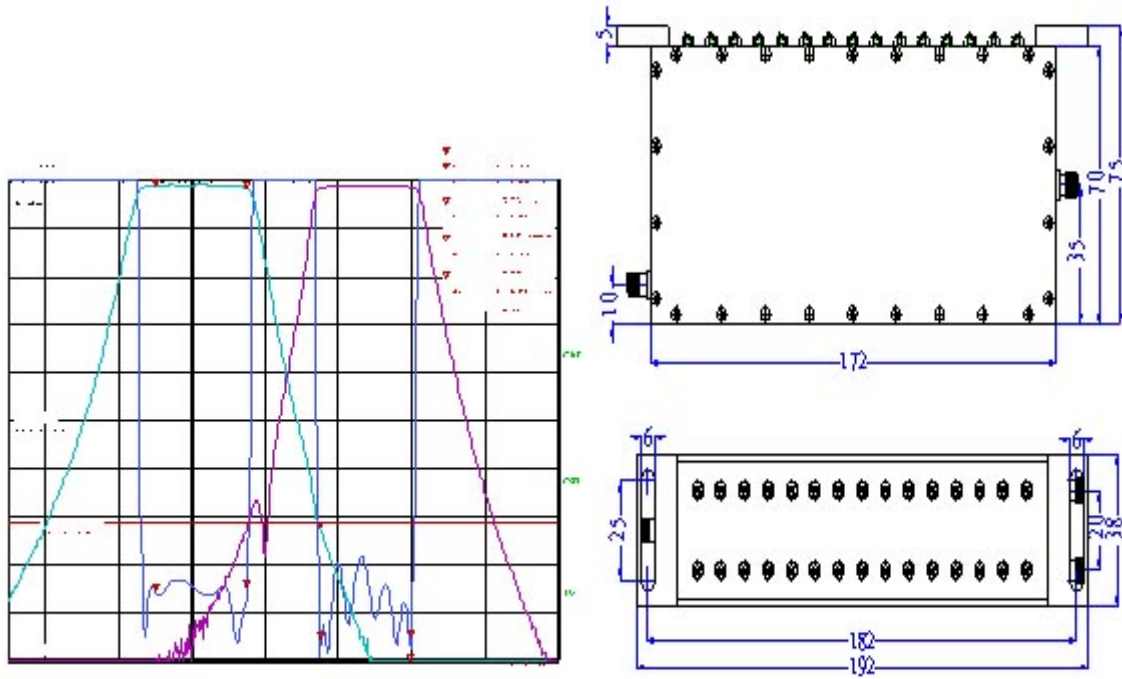
Connectors: SMA/SMA

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Outline Drawing:



Notes:

Connector type is optional of N-type or SMA, according to requirement.

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CDMA&GSM-02

Features:

Specially designed for CDMA network, GSM network repeater, base station and indoor coverage system

Confirms to Uicom Technical Standards

Insertion Loss lower than 0.8dB

High Power Handling

Applications:

CDMA system, GSM repeater, base station

CDMA, GSM indoor coverage system

Communication test equipment



Technical Specifications:

Frequency Range: 825 to 880MHz

909 to 960MHz

Insertion Loss: 0.8dB maximum

0.5dB typical

Passband ripple: 0.5dB p-p maximum

Return Loss: 1.4 maximum

Stopband attenuation:

≥70dB 825-880MHz relative 909 ~ 960MHz

≥65dB 909-960MHz relative 825 ~ 880MHz

Operating Temperature: -30 to +55 °C

Storage Temperature: -40 to +85 °C

Operating Humidity: 0 to 90%, relative

Connectors: N-K

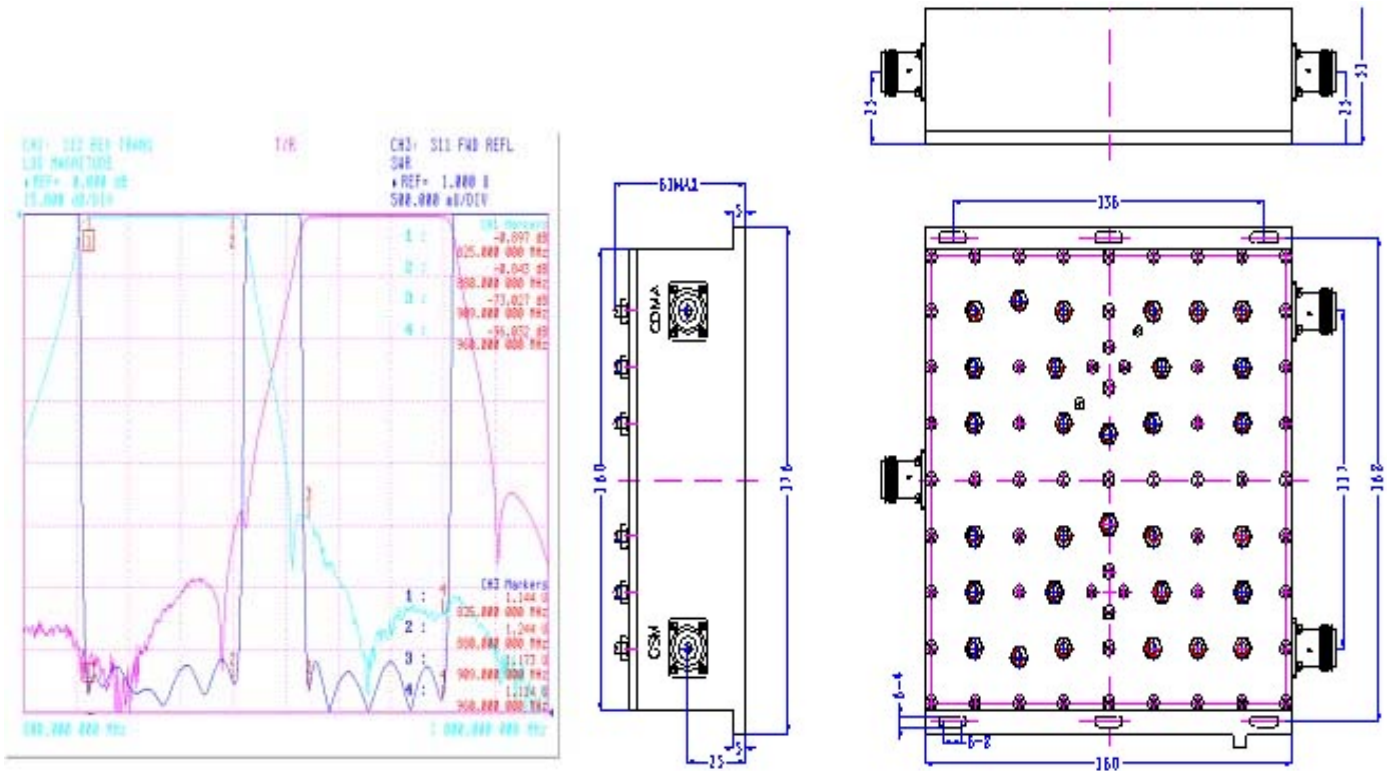
Default color: paint in deep gray

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Outline Drawing:



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CDMA&GSM-05

Features:

Specially Designed for CDMA/GSM
Repeater, Base Station and Indoor
Systems
Confirms to ITU Technical Standards

Applications:

CDMA/GSM Repeater, Base Station
CDMA/GSM Indoor Systems

**Technical Specifications:**

Frequency Range: 825 to 835MHz
870 to 880MHz
909 to 915MHz
954 to 960MHz
Insertion Loss: 1.8dB maximum
1.6dB typical
Passband ripple: ± 0.5 dB p-p maximum
Return Loss: 18 maximum
Outband Rejection:
 ≥ 80 dB @ CDMA up to down isolation
 ≥ 90 dB @ GSM up to down isolation

Operating Temperature: -30 to +55 °C

Storage Temperature: -40 to +85 °C

Operating Humidity: 0 to 90%, relative

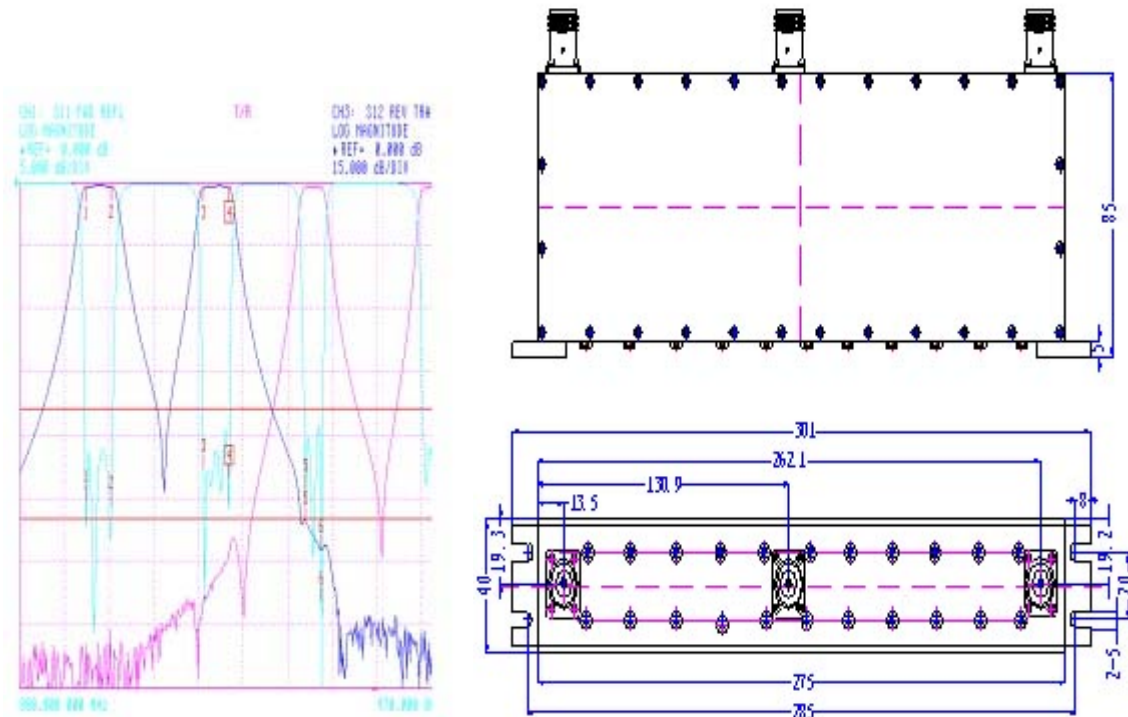
Connector: N-F or SMA-F

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Outline Drawing:



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CDMA&GSM-07

Features:

Specially Designed for CDMA/GSM Repeater, Base Station and Indoor System
Confirms to ITU Technical Standards
High Power Handling Capability

Applications:

CDMA/GSM Repeater, Base Station
CDMA, GSM Indoor Systems
Communication Test Equipments

**Technical Specifications:**

Frequency Range: 825 to 880MHz
909 to 960MHz
Insertion Loss: 0.8dB maximum
0.5dB typical
Passband Ripple: 0.5dB p-p maximum
Return Loss: 18dB maximum
Outband Rejection:
≥88dB 825-880MHz relative 909 ~ 960MHz
≥88dB 909-960MHz relative 825 ~ 880MHz

Power: 100 watts

Operating Temperature: -30 to +55 °C

Storage Temperature: -40 to +85 °C

Operating Humidity: 0 to 90%, relative,

Connector: N-F

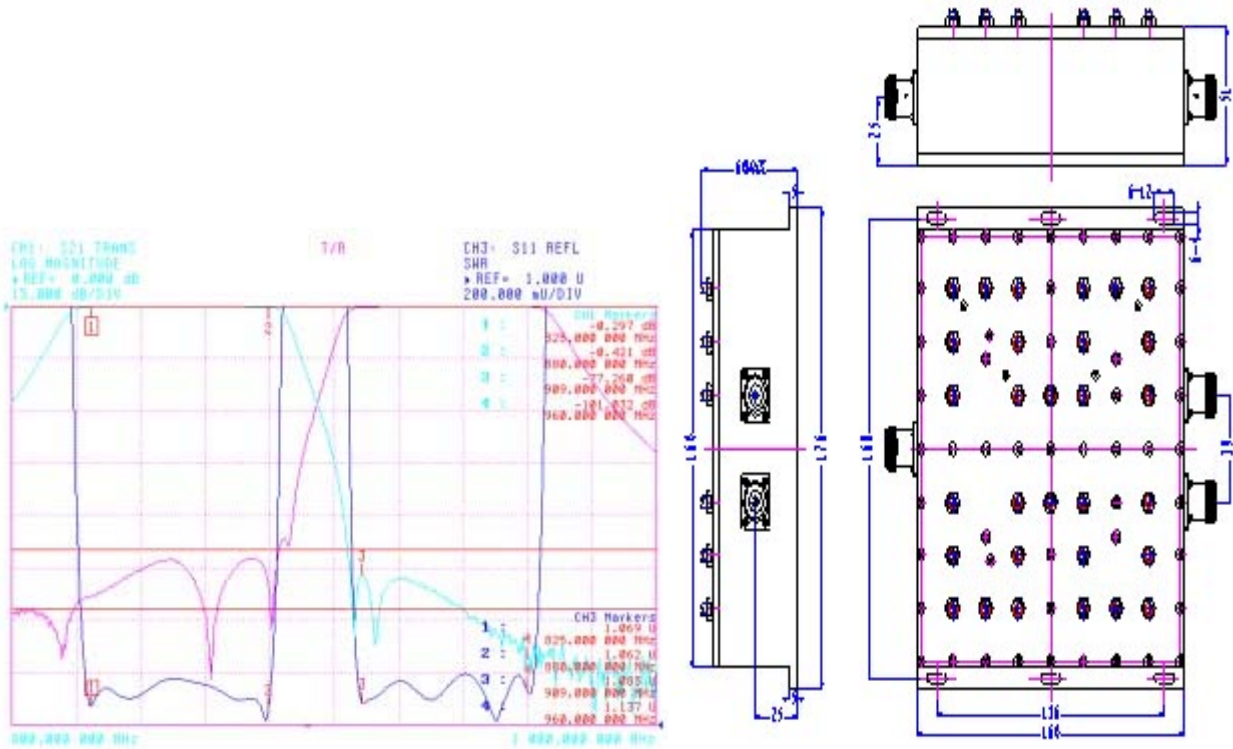
Default color: paint in deep gray

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WCDMA-01

Features:

Specially Designed for WCDMA Repeater
Confirm to ITU Technical Standards
High Rejection
Compact Size

Applications:

WCDMA 3G Communication Equipment



Technical Specifications:

Frequency Range: 1920 to 1980MHz
2110 to 2170MHz
Insertion Loss: 1dB maximum
0.8dB typical
Passband Ripple: 0.5dB p-p maximum
Return Loss: 18dB minimum
Outband Rejection:
≥45dB @ 1900MHz~2000 MHz
≥45dB @ 2190MHz~2090 MHz
≥90dB @ Channel Isolation

Power:100 watts

Operating Temperature: -30 to +75 °C

Storage Temperature: -40 to +85 °C

Operating Humidity: 0 to 90%, relative

Dimension: 140×136×27mm

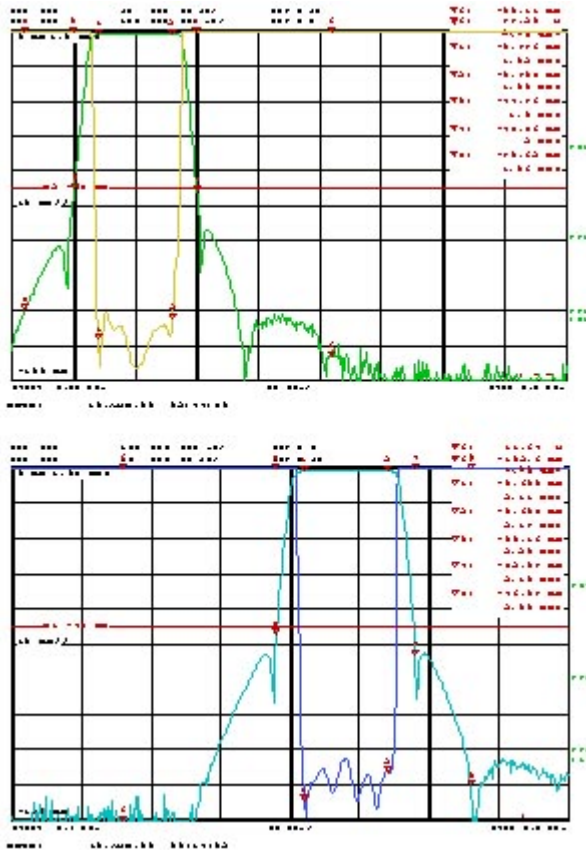
Connectors: SMA/N

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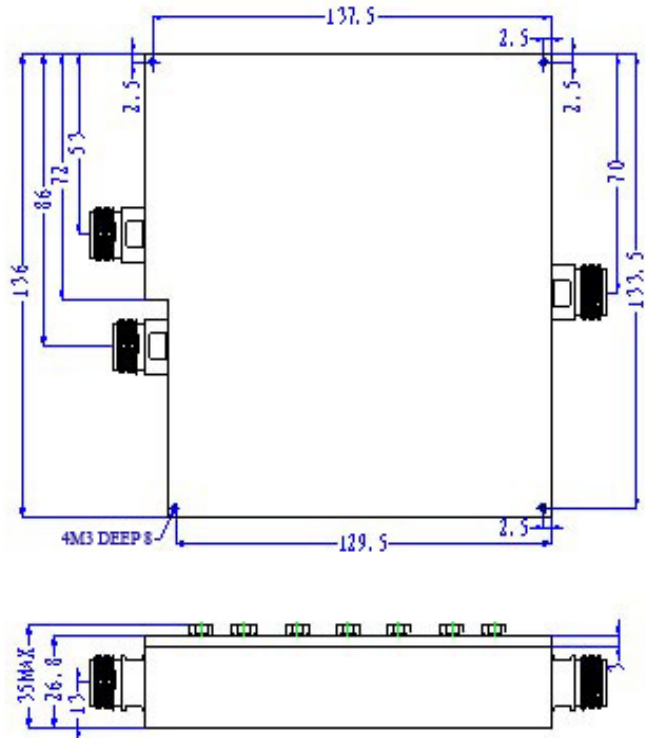
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Outline Drawing:



Outline Drawing:



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WLAN&PHS

Features:

Specially Designed for WLAN/PHS
High Rejection

Applications:

WLAN/PHS Combiner



Technical Specifications:

Frequency Range:
1985 to 1920MHz 2400 to 2483MHz
Insertion Loss:
1dB maximum 0.6dB typical
Passband Ripple: 0.8dB p-p maximum
Return Loss: 18dB minimum
Outband Rejection: ≥ 75 dB @ channel isolation

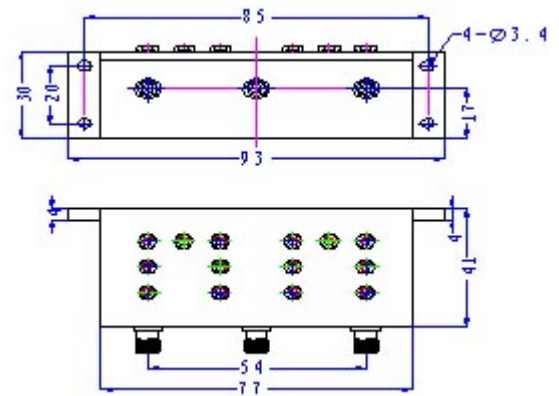
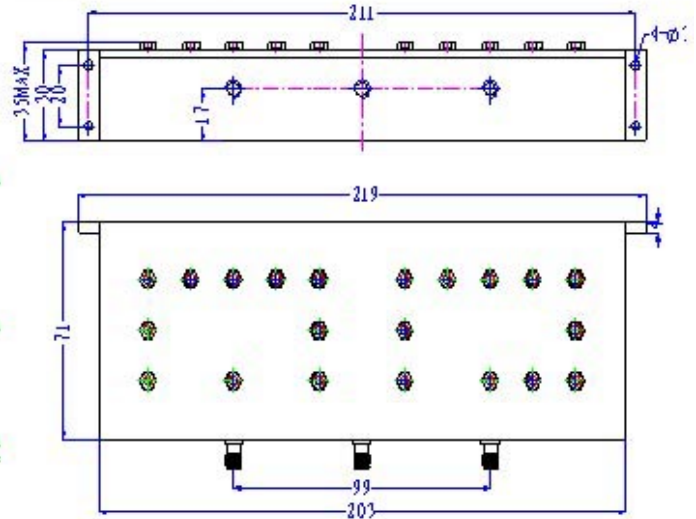
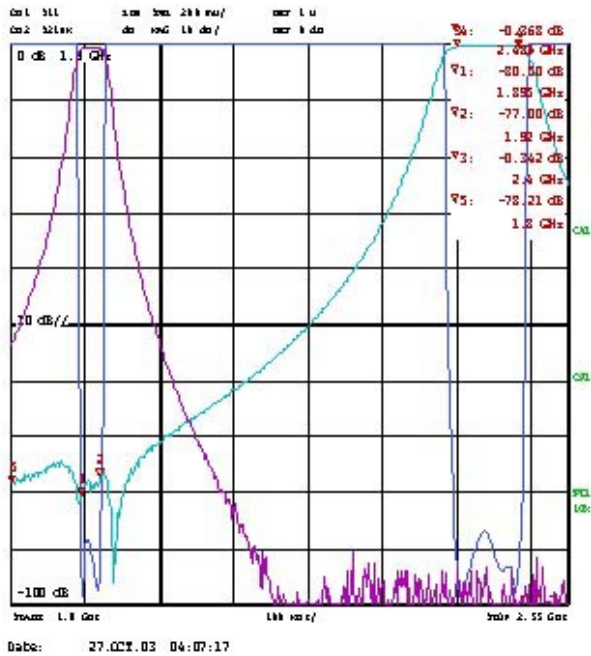
Operating Temperature: -30 to +75 °C
Storage Temperature: -40 to +85 °C
Operating Humidity: 0 to 90%, relative
Connectors: SMA/N

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