



# EMC1640

## Low Noise preamplifier

- Frequency range: 1-6GHz
- Noise Figure(dB max): 2.5 dB max
- Usable frequency range: 500MHz-6GHz
- Gain: 40dB min
- Gain flatness: +/- 3dB max
- P1dB : +10dBm min
- Input VSWR 3.0:1max
- Output VSWR 2.0:1 max
- Operating Temperature: -20 to +70°C
- Power Requirements :110 Vac / 230Vac
- In/Out connectors: 50 ohm , N Females / SMA Females
- Size: 217mm\*254mm\*100mm
- **Built AC input main power grounding detect circuit**



EMC Instruments corporation

Sales Partner:

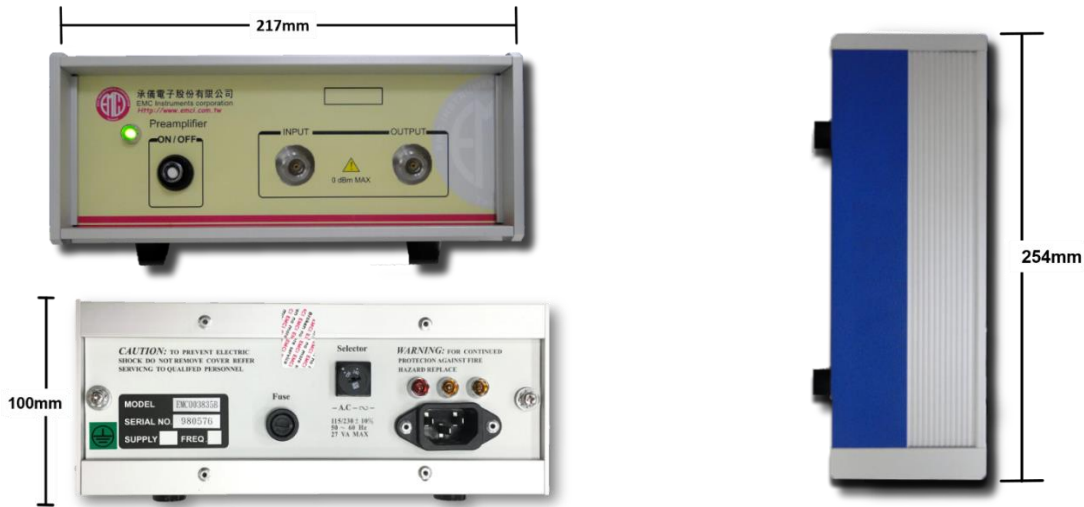


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## Specification



Frequency range:	1-6GHz
Noise Figure(dB max)	2.5 dB max
Usable frequency range	500MHz-6GHz
Gain	40dB min
Gain flatness	+/- 3dB max
P1dB	+10dBm min
Input VSWR	3.0:1 max
Output VSWR	2.0:1 max
Operating Temperature	-20 to +70°C
Power Requirements	110 Vac / 230Vac
In/Out connectors	50 ohm , N Females/SMA Females
Size	217mm*254mm*100mm
Net Weight	2.8Kg
<b>Built AC input main power grounding detect circuit</b>	<p>           R Y Y            OPEN ○ ○ ○            GROUND ○ ○ ○            OPEN ○ ○ ○            NEUTRAL ○ ○ ○            OPEN LINE ○ ○ ○            LINE/GRD. ○ ○ ○            REVERSE ○ ○ ○            LINE/NEU. ○ ○ ○            REVERSE ○ ○ ○            CORRECT ○ ○ ○            CONTACT ○ ○ ○            SERVICE ○ ○ ○         </p> <p><b>WARNING: FOR CONTINUED PROTECTION AGAINST FIRE HAZARD REPLACE</b></p>
<b>Optional</b>	<b>Pulse/ESD protector</b>

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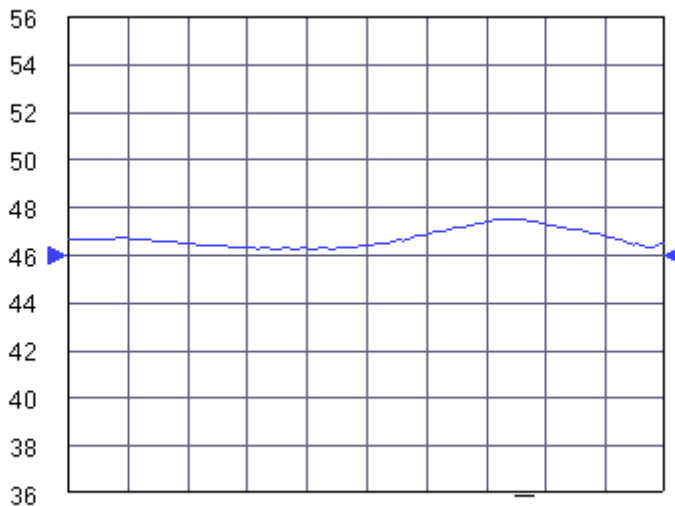


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▶ Tr3 S21 Trans LogM RefLvl: 46 dB Res: 2 dB/Div



Ch1 TR Start 1 GHz Stop 6 GHz IFBW 1 kHz

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