

EMC118B45SEE2

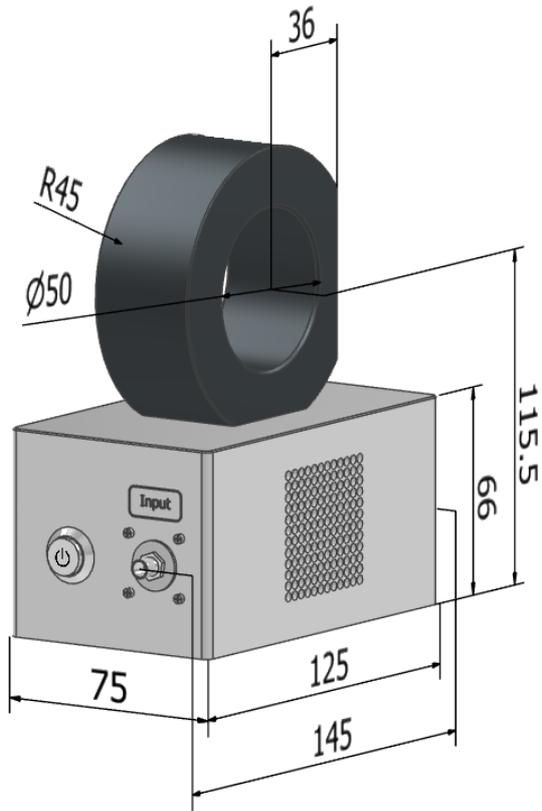
Low Noise Preamplifier

- 1GHz - 18GHz Frequency Range
- Compensation Long Cable Loss For EMI Measurement
- Improve System Noise Floor Flatness
- High EMI Performance
- High Linearity LNA For EMI Measurement
- High Dynamic range
- Unconditionally Stable
- State-of-the-Art Technology



Specifications

Frequency Range	1GHz - 18GHz
Noise Figure	8 - 10 dB max
Gain	35 dB min @ 1GHz and 50 dB min @ 18GHz
Gain Flatness	1 - 6 GHz @ 35 dB @ +/- 3 dB 6 - 12 GHz @ 42 dB @ +/- 3 dB 12 - 18 GHz @ 49 dB @ +/- 3 dB
P1dB Compression Point	+20 dBm min
Input VSWR / Output VSWR	2.5 : 1 / 2.5 : 1
Max RF input power	-15 dBm @ 1 GHz max ~ -30 dBm @ 18 GHz max
Power Requirements	120 Vac or 240 Vac
In / Out Connectors	50 ohm, SMA Female
Size (mm * mm * mm)	145 * 75 * 66 (158) 160 (165) * 100 * 70 (75)
Net Weight	0.628 kg (0.87 kg) / 1.31 kg

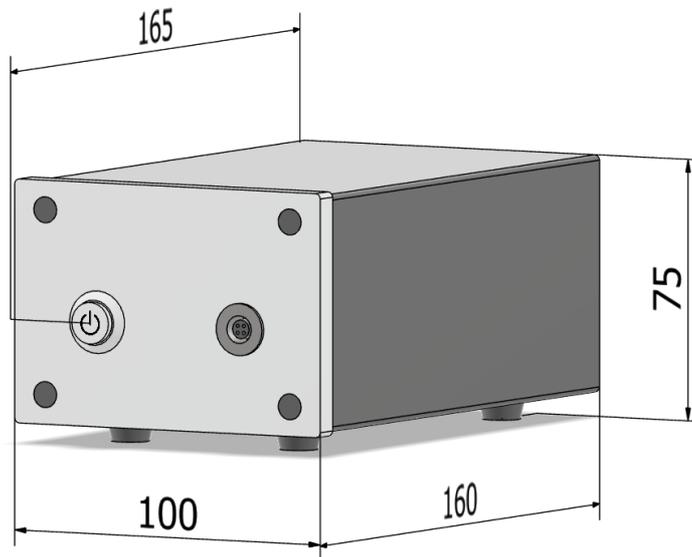


Preamplifier



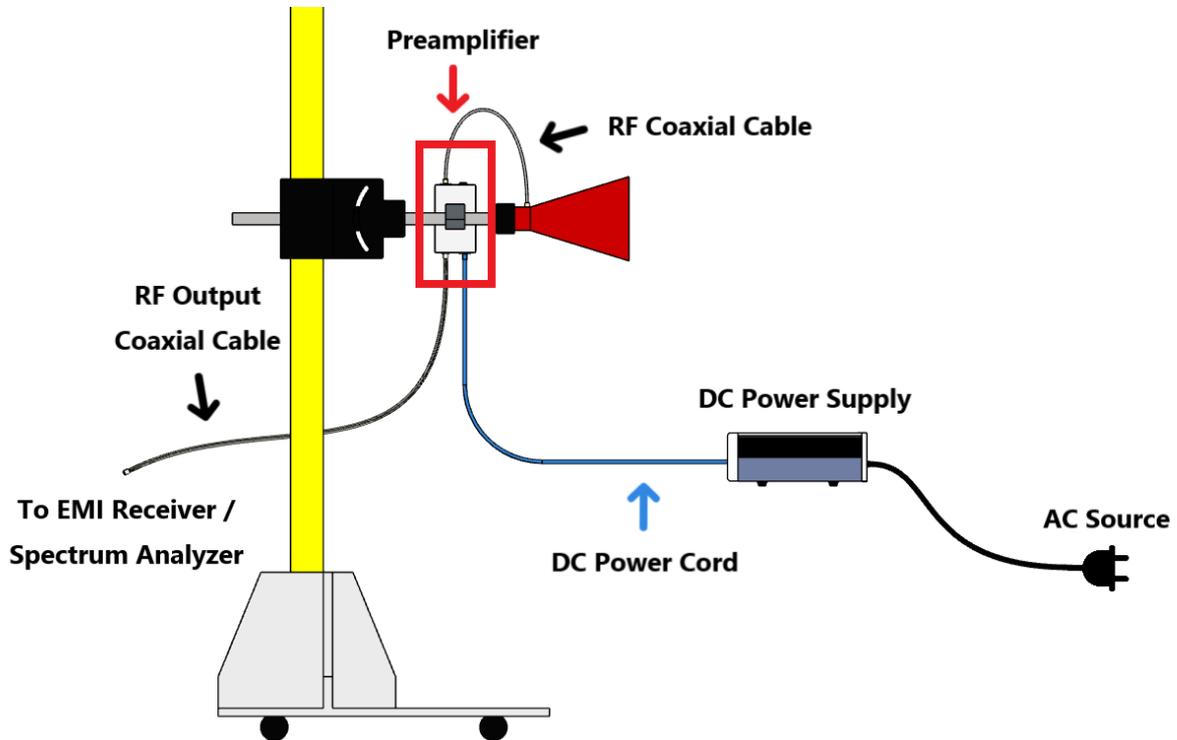
Length: 6 m

Cable

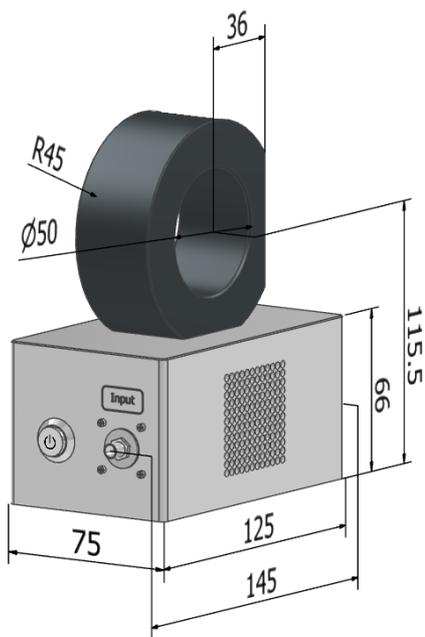


DC Power Supply

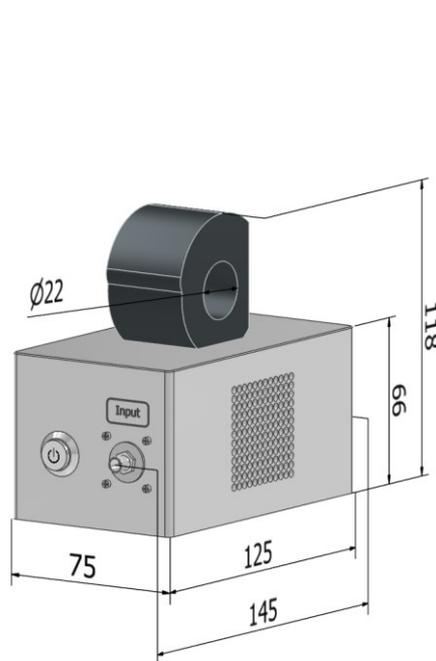
Set Up Figure



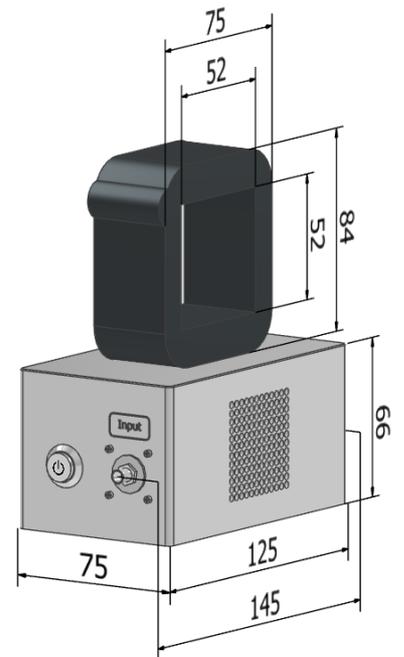
Ordering Information



EMC118B45SEE2 - 01



EMC118B45SEE2 - 02



EMC118B45SEE2 - 03



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