

Imported SMA Attenuators, 2W



Frequency: DC ~ 26.5 GHz

P/N: IHP-??-2.. Series



Impedance : 50 Ω

Operating Temp : -55°C ~85°C

Ordering Code	Freq. (GHz)	VSWR (max)	Figure	Avg. Power (W)	Attenuation and Accuracy (dB)						Connector
					1-5	6	10	20	30	40	
IHPA-S2-2-XX-4	DC-4	1.15	Fig 1	2 ¹⁾	±0.5	±0.5	±0.5	±0.6	±0.6	/	SMA(M)-(F)
IHPA-S2-2-XX-12.4	DC-12.4	1.30	Fig 1	2 ¹⁾	±0.8	±0.8	±0.75	±1.0	±1.0	/	SMA(M)-(F)
IHPA-S2-2-XX-18	DC-18	1.35	Fig 1	2	±1.0	±1.0	±1.0	±1.0	±1.0	/	SMA(M)-(F)
IHPA-S1-2-XX-18-D	DC-18	1.30	Fig 2	2 ¹⁾	±0.8	±0.8	±0.8	±0.8	±0.8	±0.8	SMA(M)-(F)
IHPA-S1-2-XX-26.5-D	DC-26.5	1.35	Fig 2	2 ¹⁾	±1.0	±1.0	±1.0	±1.0	±1.0	±1.0	SMA(M)-(F)

1) Average Power at 25°C ambient temperature, derated linearly to 0.5W @125°C. Peak Power is 0.5kW(5us pulse width with 0.4% duty cycle)

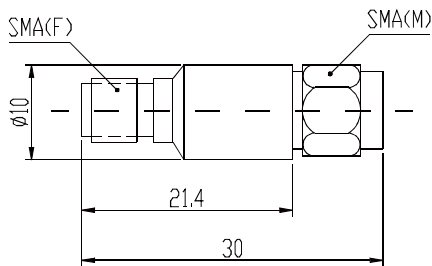


Fig 1

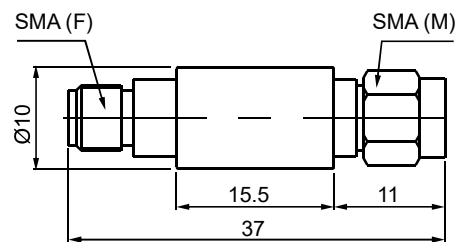


Fig 2

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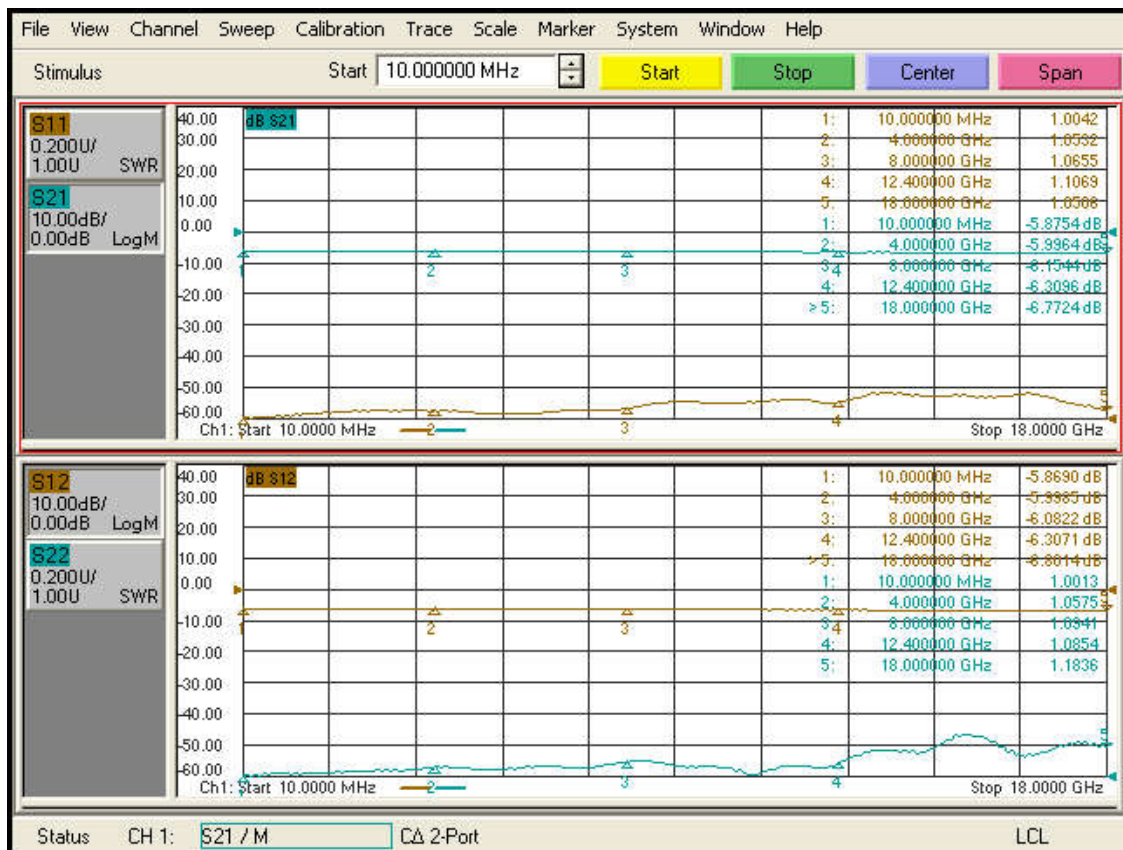
Imported SMA Attenuators, 2W



Frequency: DC ~ 26.5 GHz

P/N: IHP-??-2.. Series

VNA Plot for IHPA-S2-2-XX-18 Attenuator (6dB/2W/18GHz)



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Imported SMA Attenuators, 5W



Frequency: DC ~ 26.5 GHz

P/N: IHPA-??-5.. Series



Impedance : 50 Ω

Operating Temp : -55°C ~125°C

Ordering Code	Freq. (GHz)	VSWR (max)	Figure	Avg. Power (W)	Attenuation and Accuracy (dB)						Connector
					3	6	10	20	30	40	
IHPA-T4-5-XX-4-S	DC-4	<1.10@1 GHz <1.15@2 GHz <1.20 @4 GHz	Fig 2	5 ¹⁾	±0.4	±0.4	±0.5	±0.5	±0.6	±0.6	SMA(M)-(F)
IHPA-S1-5-XX-12.4-A	DC-12.4	1.25	Fig 1	5 ¹⁾	±0.5	±0.5	±0.5	±0.5	±0.5	±0.5	SMA(M)-(F)
IHPA-S1-5-XX-18-A	DC-18	1.30	Fig 1	5 ¹⁾	-0.5/ +0.8	-0.5/ +0.8	±1.0	±1.0	±1.0	±1.0	SMA(M)-(F)
IHPA-S1-5-XX-26.5-A	DC-26.5	1.35	Fig 1	5 ¹⁾	±1.0	±1.0	±1.0	-0.5/ +1.5	-0.5/ +1.5	-0.5/ +1.5	SMA(M)-(F)

1) Average Power at 25°C ambient temperature, derated linearly to 0.5W @125°C. Peak Power is 1kW(5us pulse width with 0.5% duty cycle)

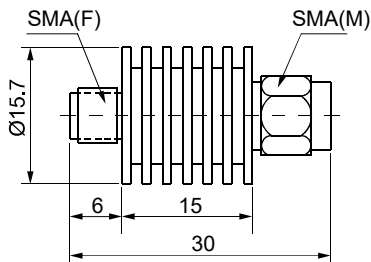


Fig 1

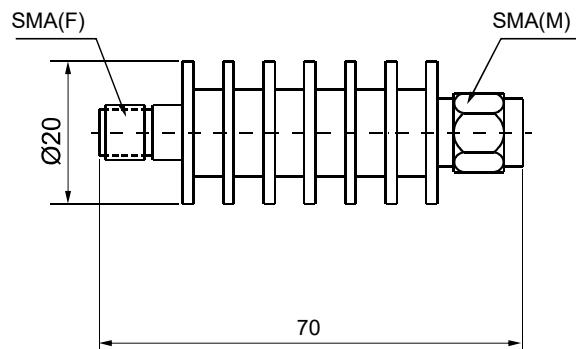


Fig 2

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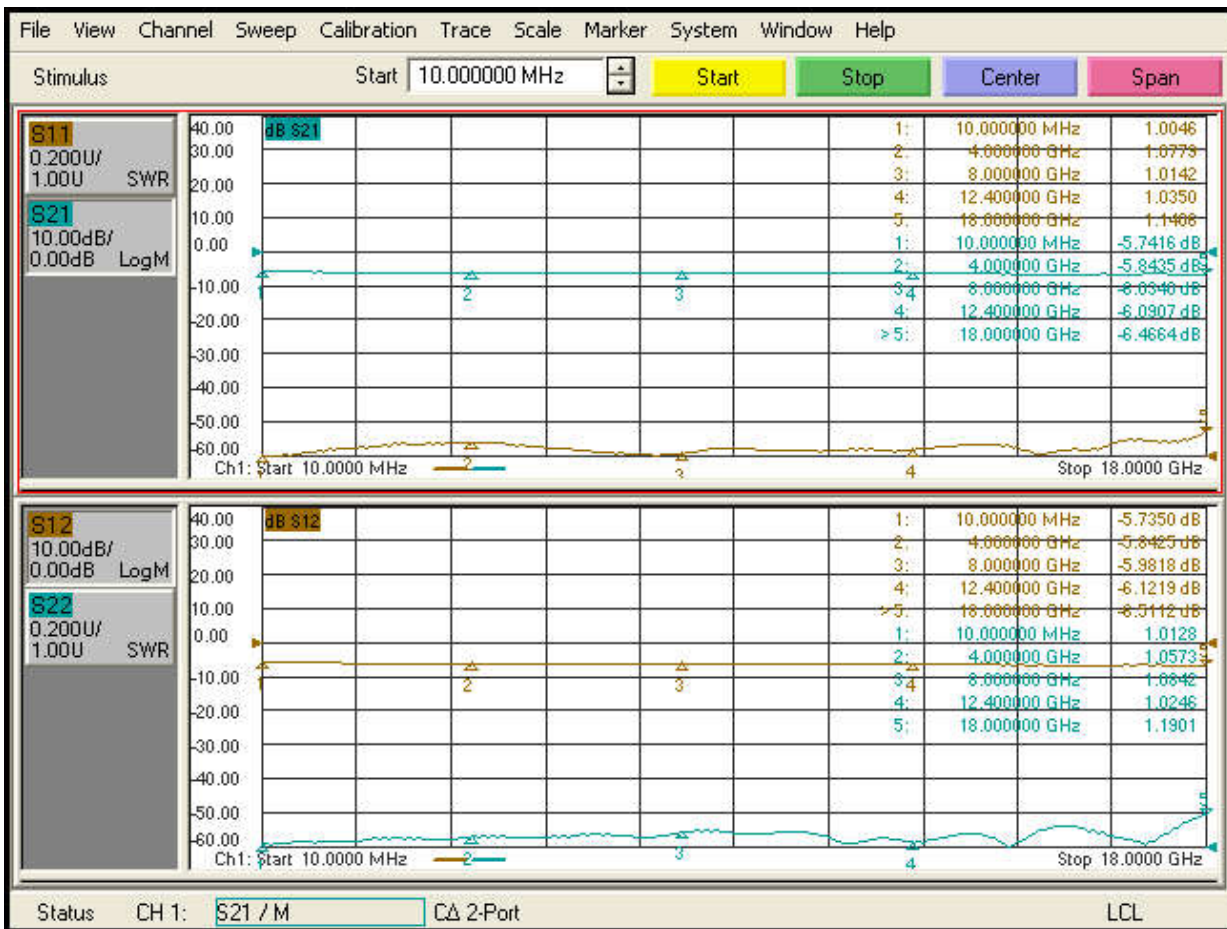
Imported SMA Attenuators, 5W



Frequency: DC ~ 26.5 GHz

P/N: IHPA-??-5.. Series

VNA Plot for IHPA-S1-5-06-18-A Attenuator (6dB/5W/18GHz)



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Imported SMA Attenuators, 10W



Frequency: DC ~ 26.5 GHz

P/N: IHPA-??-10.. Series



Impedance : 50 Ω

Operating Temp : -55°C ~125°C

Inde P/N	Freq. (GHz)	VSWR (max)	Figure	Avg. Power (W)	Attenuation and Accuracy (dB)						Connector
					3	6	10	20	30	40	
IHPA-D2-10-XX-4-S	DC-4	<1.15@3 GHz <1.20 @4 GHz	Fig 2	10 ²⁾	±0.5	±0.5	±0.6	±0.6	±0.6	±0.8	SMA(M)-(F)
IHPA-S1-10-XX-8-A	DC-8	1.20	Fig 1	10 ¹⁾	±0.4	±0.4	±0.5	±0.5	±0.5	±0.5	SMA(M)-(F)
IHPA-S1-10-XX-12.4-A	DC-12.4	1.25	Fig 1	10 ¹⁾	±0.6	±0.6	±0.6	±0.6	±0.6	±0.6	SMA(M)-(F)
IHPA-S1-10-XX-18-A	DC-18	1.30	Fig 1	10 ¹⁾	±0.8	±0.8	±1.0	±1.0	±1.0	±1.0	SMA(M)-(F)
IHPA-S1-10-XX-26.5-A	DC-26.5	1.35	Fig 1	10 ¹⁾	-0.5/ +1.0	-0.5/ +1.0	-0.5/ +1.5	-0.5/ +1.2	±1.2	±1.2	SMA(M)-(F)

1) Average Power at 25°C ambient temperature, derated linearly to 1W @125°C. Peak Power is 1kW(5us pulse width with 0.5% duty cycle)

2) Average Power at 25°C ambient temperature, derated linearly to 1W @125°C. Peak Power is 1kW(5us pulse width with 1% duty cycle)

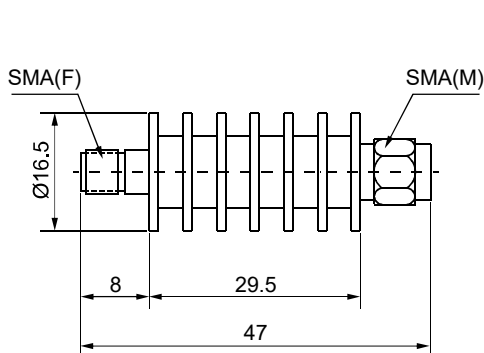


Fig 1

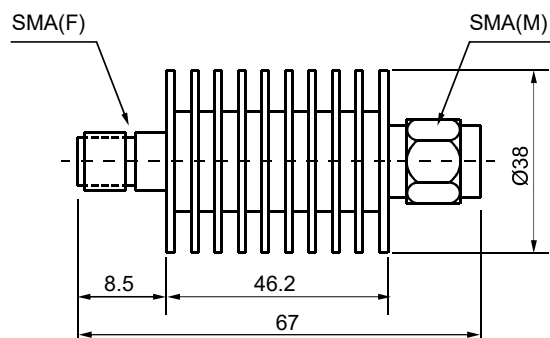


Fig 2

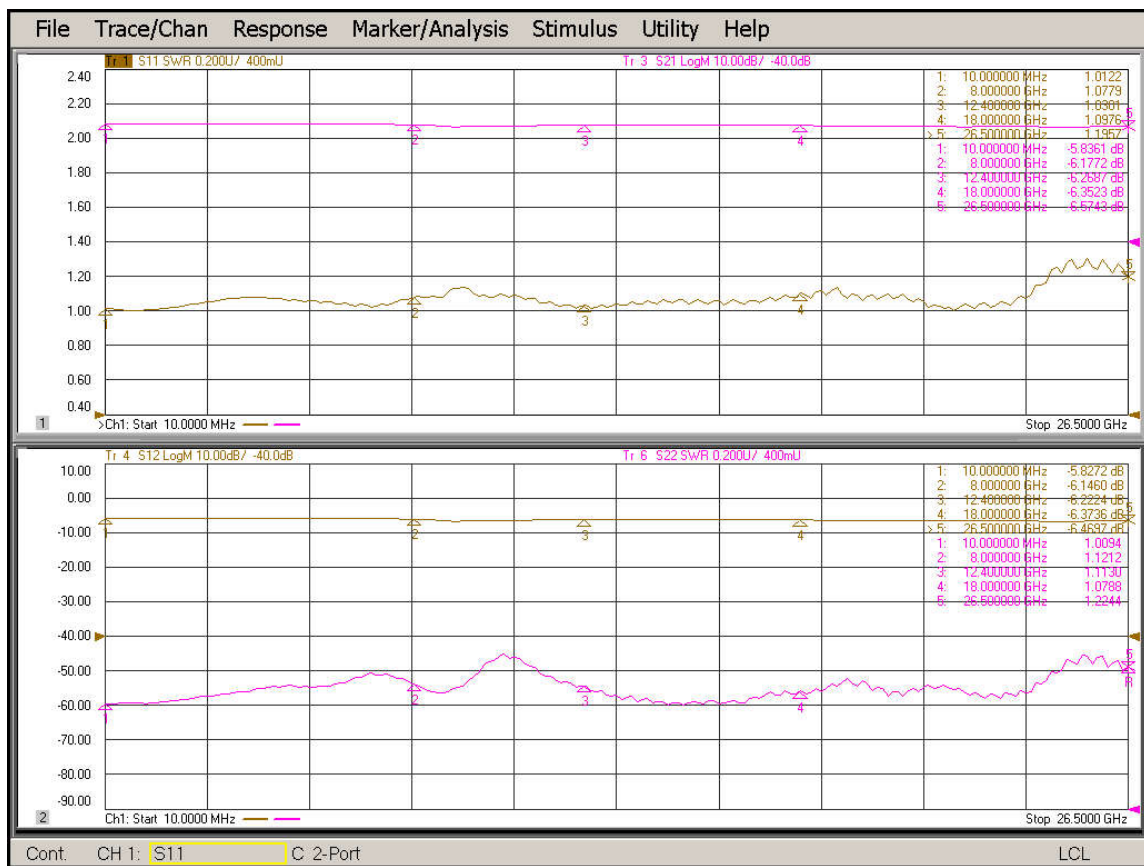
Imported SMA Attenuators, 10W



Frequency: DC ~ 26.5 GHz

P/N: IHPA-??-10.. Series

VNA Plot for IHPA-S1-10-06-26.5 Attenuator (6dB/10W/26.5GHz)



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Imported SMA High Power Attenuators, 25W



Frequency: DC ~ 26.5 GHz

P/N: IHPA-??-25.. Series



Impedance : 50 Ω

Operating Temp : -55°C ~125°C

Ordering Code	Freq. (GHz)	VSWR (max)	Figure	Avg. Power (W)	Attenuation and Accuracy (dB)						Connector
					3	6	10	20	30	40	
IHPA-D2-25-XX-4-S-A	DC-4	<1.05@1 GHz <1.10 @2 GHz <1.15@3 GHz <1.25 @4 GHz	Fig 1	25 ¹⁾	±0.5	±0.5	±0.6	±0.6	±0.6	±1.0	SMA(M)-(F)
IHPA-D1-25-XX-8-C	DC-8	1.20	Fig 2	25 ¹⁾	/	/	±0.4	±0.5	±0.5	±0.5	SMA(M)-(F)
IHPA-D1-25-XX-12.4-C	DC-12.4	1.25	Fig 2	25 ¹⁾	/	/	±0.5	±0.8	±0.8	±0.8	SMA(M)-(F)
IHPA-D1-25-XX-18-C	DC-18	1.30	Fig 2	25 ¹⁾	/	/	±1.0	±1.0	±1.0	±1.0	SMA(M)-(F)
IHPA-D1-25-XX-26.5-C	DC-26.5	1.35	Fig 2	25 ¹⁾	/	/	±1.2	±1.2	±1.2	±1.2	SMA(M)-(F)

1) Average Power at 25°C ambient temperature, derated linearly to 2.5W @125°C. Peak Power is 1kW(5us pulse width with 2.5% duty cycle)

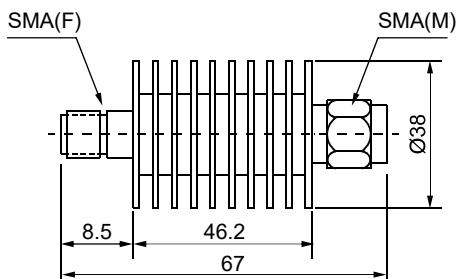


Fig 1

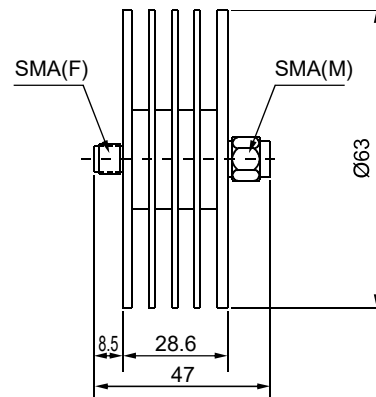


Fig 2

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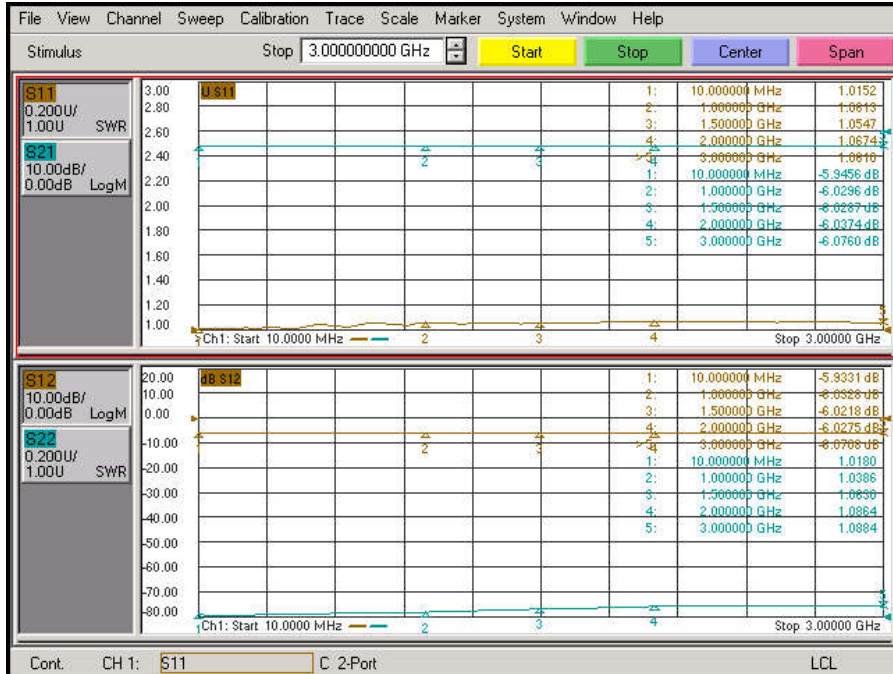
Imported SMA High Power Attenuators, 25W



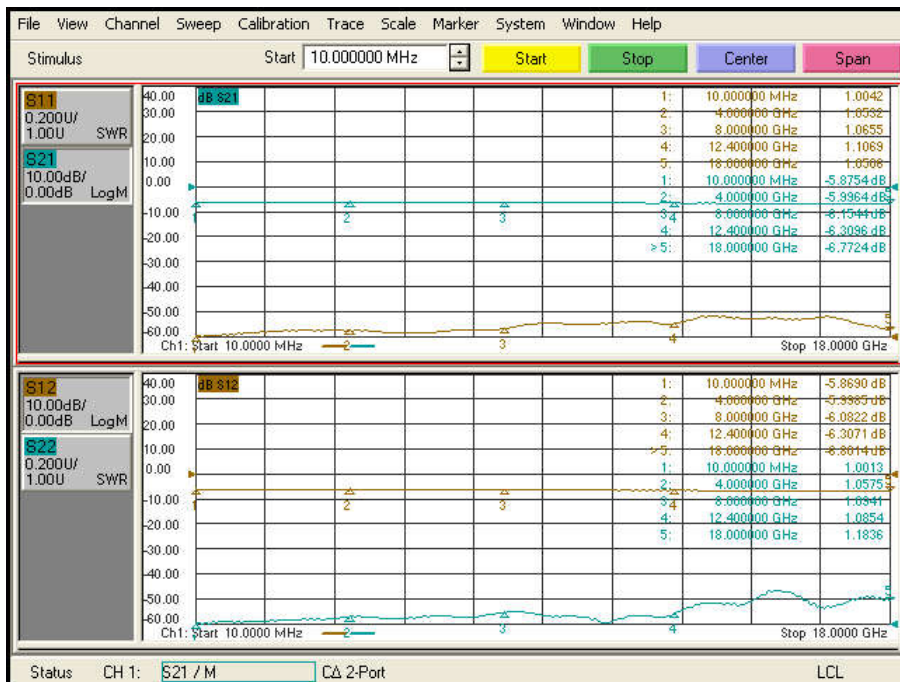
Frequency: DC ~ 26.5 GHz

P/N: IHPA-??-25.. Series

VNA Plot for IHPA-D2-25-10-4-S-A Attenuator (10dB/25W/4GHz)



VNA Plot for IHPA-D1-25-10-18-C Attenuator (10dB/25W/18GHz)



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Imported SMA High Power Attenuators, 50W

INDE[®]

Frequency: DC ~ 26.5 GHz

P/N: IHPA-??-50.. Series



Impedance : 50 Ω

Operating Temp : -55°C ~125°C

Ordering Code	Freq. (GHz)	VSWR (max)	Figure	Avg. Power (W)	Attenuation and Accuracy (dB)					Connector
					3/6	10	20	30	40	
IHPA-D3-50-XX-4-S-A	DC-4	1.35	Fig 2	50 ¹⁾	±0.75	±0.75	±0.75	±0.75	±0.75	SMA(M)-(F)
IHPA-D1-50-XX-12.4-A	DC-12.4	1.20	Fig 1	50 ¹⁾	N.A	±0.5	±0.6	±0.80	±0.8	SMA(M)-(F)
IHPA-D1-50-XX-18-A	DC-18	1.25	Fig 1	50 ¹⁾	N.A	±1.0	±1.0	±1.0	±1.0	SMA(M)-(F)
IHPA-D1-50-XX-26.5-A	DC-26.5	1.30	Fig 1	50 ¹⁾	N.A	+2.5/ -1.0	+1.5/ -1.0	+1.5/ -1.0	+1.5/ -1.0	SMA(M)-(F)

1) Average Power at 25°C ambient temperature, derated linearly to 5W @125°C. Peak Power is 5kW(5us pulse width with 1% duty cycle)

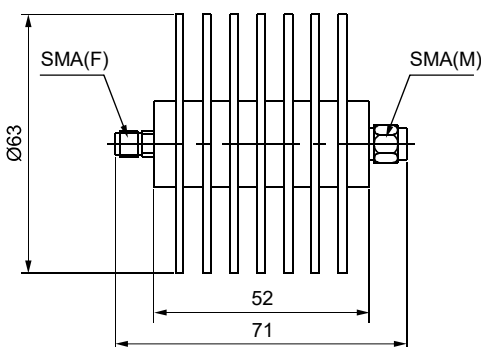


Fig 1

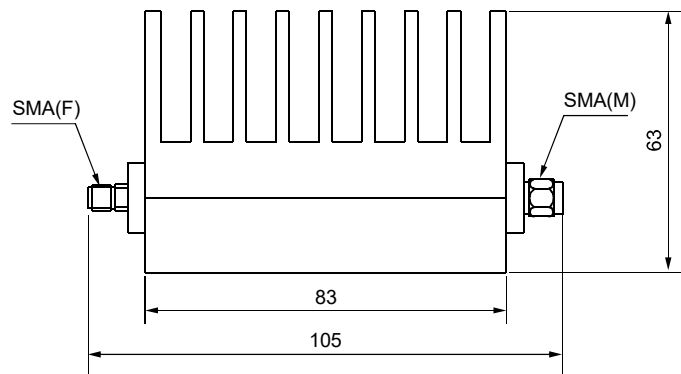


Fig 2

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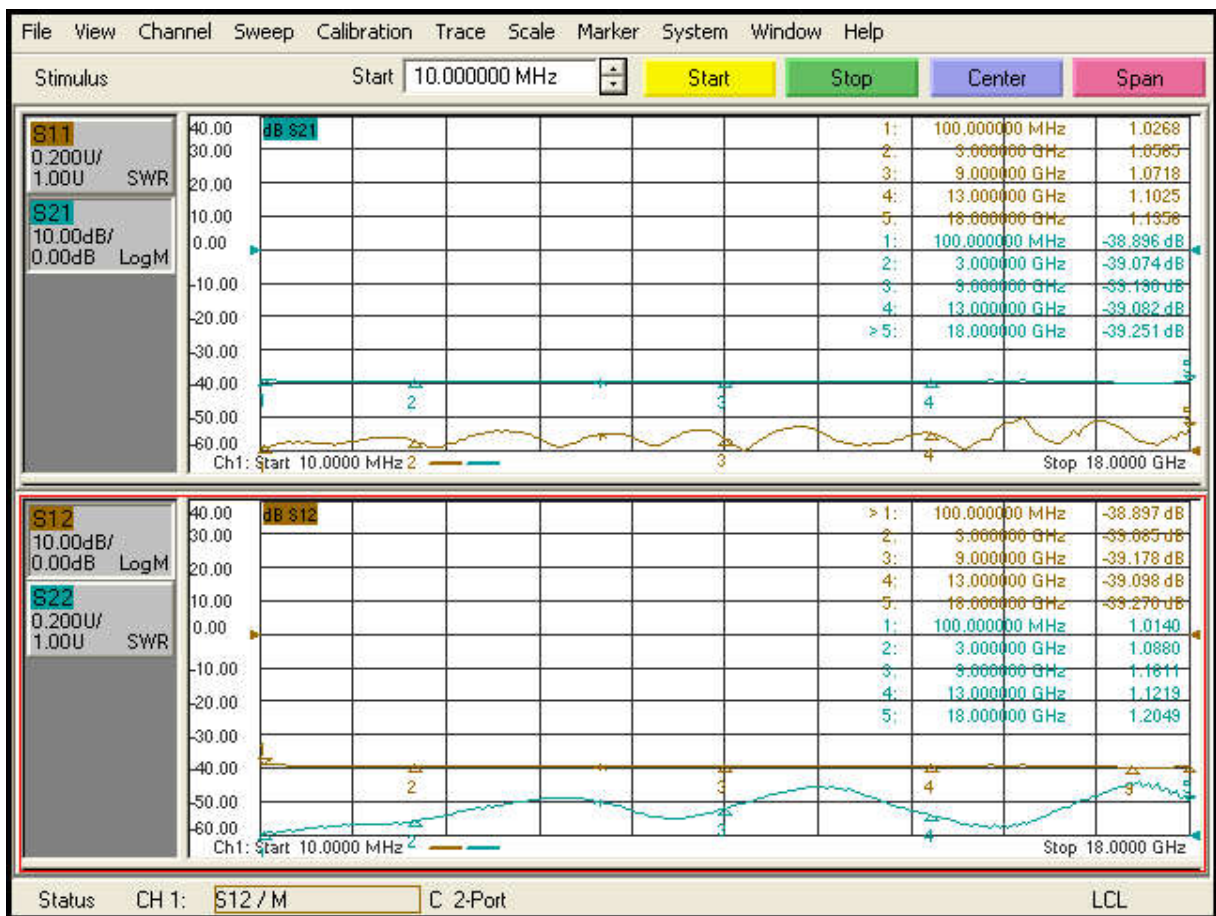
Imported SMA High Power Attenuators, 50W

Frequency: DC ~ 26.5 GHz

P/N: IHPA-??-50.. Series



VNA Plot for IHPA-D1-50-10-18-A Attenuator (10dB/50W/18GHz)



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