H-B

HERMERCS

Measurement

Attenuator

A Word About Hermercs

About Hermercs

Based on material as the ferrite and ceramics, Hermercs developed a product chain from components to sub systems and integrated systems, which widely recognized from Satcom, Microwave, Test and Measurements and applications.

After decade of focusing on the dedicated category, Hermercs win a reputation within the industry from some global leading companies and also by conducting the modern management systems as the ISO9001/ ISO14001, cloud manufacturing, Hermercs brings cutting-edge technology to provide innovative solutions as the reliable open partner for cooperation. All Hermercs commercial parts comply with the RoHS and Reach requirements. Hermercs keeps big investment for design and research, from basic materials to applications, and holds many patents and IPR from materials to components to systems, from hardware to software.

For Satcom industry, Hermercs is very proud to offer the solution from ground station to aerospace parts and from components to testing systems as the combining networks, switching networks and double ridge waveguide networks. For microwave communication industry, we are more focusing on the mobile backhaul market, from longhaul to shorthaul and smallcell applications.

For the testing and measurements industry, Hermercs developed the product line up to 110GHz as the calibration kits, testing accessories and general/customized testing systems, and for future vision, all general systems are cloud based.for the filter industry and also, some absorbers for the waveguide components applications.

Hermercs
Add: 2th Floor, Building 8, Jingang Pioneering Center, 108# Ganjiabian dong, Qixia Dist, Nanjing, Jiangsu ,China, 210046
Tel: 86-25-85490880 Fax: +86-25-85569295
Web Site: www.hermercs.com E-mail: sales@hermercs.com

INDEX

High Power Attenuator

P/N：EOHA1-1-2020-0301300

FEATURES

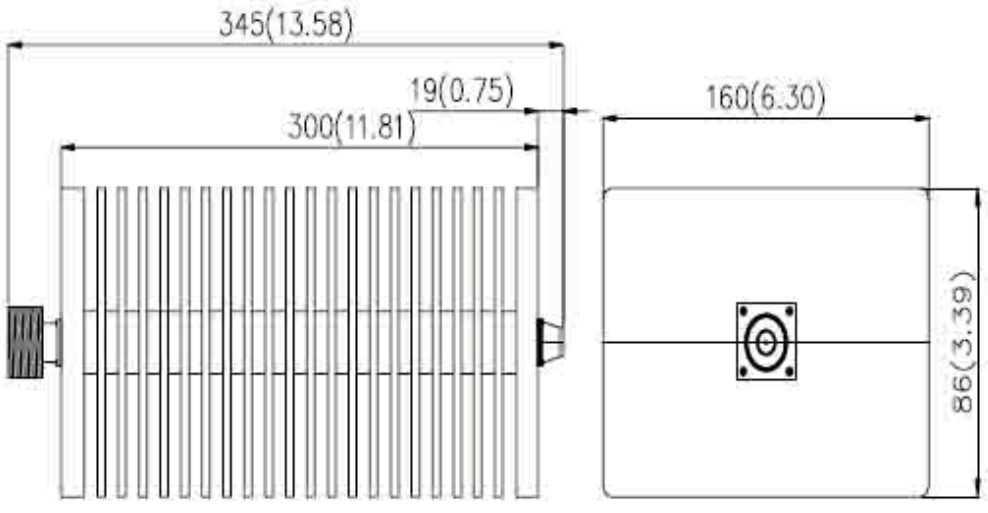
- ❖ High Power Handling
- ❖ High Reliability
- ❖ N Connector
- ❖ Customer-design

SPECIFICATIONS

Frequency Range	Attenuation Range	Attenuation Accuracy	VSWR	Impedance
DC-3GHz	20-25 dB Selectable	20~30dB ±1.5dB 45~50dB ±2.0dB	1.30 Max	50 Ω
Connector	**Operation Temperation**	**Power Rating**	**Dimension**	**Weight**
N-MF	-20~+60℃	300 W Avg.	300*160*86mm (11.8*6.30*3.39inch)	5100g

Note 1. DC-3GHz multiple-band frequency range, CDMA,GSM,DCS,3G,WLAN,WiFi
Note 2. 20~50dB Atenuation range selectable
Note 3. This is Hermercs standard product.

OUTLINE:mm(inch)



Hermercs
Add: 2th Floor, Building 8, Jingang Pioneering Center, 108# Ganjiabian dong, Qixia Dist, Nanjing, Jiangsu ,China, 210046
Tel: 86-25-85490880 Fax: +86-25-85569295
Web Site: www.hermercs.com E-mail: sales@hermercs.com

P/N：EOHA1-1-2020-0601300

FEATURES

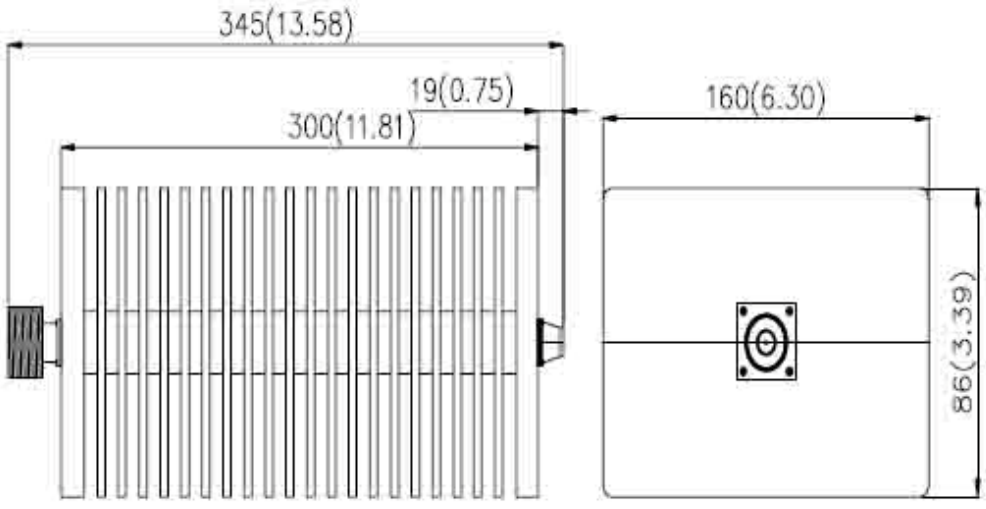
- ❖ High Power Handling
- ❖ High Reliability
- ❖ N Connector
- ❖ Customer-design

SPECIFICATIONS

Frequency Range	Attenuation Range	Attenuation Accuracy	VSWR	Impedance
DC-6GHz	20-25 dB Selectable	20~30dB ±1.5dB 45~50dB ±2.0dB	1.40 Max	50 Ω
Connector	**Operation Temperation**	**Power Rating**	**Dimension**	**Weight**
N-MF	-20~+60℃	300 W Avg.	300*160*86mm (11.8*6.30*3.39inch)	5100g

Note 1. DC-3GHz multiple-band frequency range, CDMA,GSM,DCS,3G,WLAN,WiFi
Note 2. 20~50dB Atenuation range selectable
Note 3. This is Hermercs standard product.

OUTLINE:mm(inch)



Hermercs
Add: 2th Floor, Building 8, Jingang Pioneering Center, 108# Ganjiabian dong, Qixia Dist, Nanjing, Jiangsu ,China, 210046
Tel: 86-25-85490880 Fax: +86-25-85569295
Web Site: www.hermercs.com E-mail: sales@hermercs.com

High Power Attenuator

P/N：EOHA1-1-1011-1301100

FEATURES

- ❖ High Power Handling
- ❖ Broadband
- ❖ Low VSWR
- ❖ Low cost

SPECIFICATIONS

Frequency	Attenuation	VSWR	Power Handling
DC-13GHz	3,6,10,15,20 and 30dB	1.6 Max	100W

Note 1. Connector types can be chosen SMA and N.
Note 2. This is Hermercs standard product.

VSWR

Frequency	VSWR
8GHz	1.016
9GHz	1.108
10GHz	1.061
11GHz	1.031
12GHz	1.630
12.75GHz	1.577

We also provide other fixed attenuators and adjustable attenuators which can be used for calibration and engineering application.

Frequency:	DC-50GHz
Power Handling:	0.5W~40KW

Hermercs
Add: 2th Floor, Building 8, Jingang Pioneering Center, 108# Ganjiabian dong, Qixia Dist, Nanjing, Jiangsu ,China, 210046
Tel: 86-25-85490880 Fax: +86-25-85569295
Web Site: www.hermercs.com E-mail: sales@hermercs.com

Coaxial Precision Fixed Attenuators Specifications

Model Number	Connectors Type	Frequency Range	Nominal Attenuation	VSWR	Average Power
EOFA1-1-2021-180102	N(m) to N(f)	DC to 18 GHz	3 dB	1.35	2 W
EOFA1-1-2021-180202	N(m) to N(f)	DC to 18 GHz	6 dB	1.35	2 W
EOFA1-1-2021-180302	N(m) to N(f)	DC to 18 GHz	10 dB	1.35	2 W
EOFA1-1-2021-180402	N(m) to N(f)	DC to 18 GHz	20 dB	1.35	2 W
EOFA1-1-2021-180502	N(m) to N(f)	DC to 18 GHz	30 dB	1.35	2 W
EOFA1-1-2021-180105	N(m) to N(f)	DC to 18 GHz	3 dB	1.35	5 W
EOFA1-1-2021-180205	N(m) to N(f)	DC to 18 GHz	6 dB	1.35	5 W
EOFA1-1-2021-180305	N(m) to N(f)	DC to 18 GHz	10 dB	1.35	5 W
EOFA1-1-2021-180405	N(m) to N(f)	DC to 18 GHz	20 dB	1.35	5 W
EOFA1-1-2021-180505	N(m) to N(f)	DC to 18 GHz	30 dB	1.35	5 W
EOFA1-1-2021-180110	N(m) to N(f)	DC to 18 GHz	3 dB	1.40	10 W
EOFA1-1-2021-180210	N(m) to N(f)	DC to 18 GHz	6 dB	1.40	10 W
EOFA1-1-2021-180310	N(m) to N(f)	DC to 18 GHz	10 dB	1.40	10 W
EOFA1-1-2021-180410	N(m) to N(f)	DC to 18 GHz	20 dB	1.40	10 W
EOFA1-1-2021-180510	N(m) to N(f)	DC to 18 GHz	30 dB	1.40	10 W
EOFA1-1-2021-180125	N(m) to N(f)	DC to 18 GHz	3 dB	1.40	25 W
EOFA1-1-2021-180225	N(m) to N(f)	DC to 18 GHz	6 dB	1.40	25 W
EOFA1-1-2021-180325	N(m) to N(f)	DC to 18 GHz	10 dB	1.40	25 W
EOFA1-1-2021-180425	N(m) to N(f)	DC to 18 GHz	20 dB	1.40	25 W
EOFA1-1-2021-180525	N(m) to N(f)	DC to 18 GHz	30 dB	1.40	25 W
EOFA1-1-2021-180150	N(m) to N(f)	DC to 18 GHz	3 dB	1.45	50 W
EOFA1-1-2021-180250	N(m) to N(f)	DC to 18 GHz	6 dB	1.45	50 W
EOFA1-1-2021-180350	N(m) to N(f)	DC to 18 GHz	10 dB	1.45	50 W
EOFA1-1-2021-180450	N(m) to N(f)	DC to 18 GHz	20 dB	1.45	50 W
EOFA1-1-2021-180550	N(m) to N(f)	DC to 18 GHz	30 dB	1.45	50 W
EOFA1-1-2021-0601100	N(m) to N(f)	DC to 6 GHz	3 dB	1.35	100 W
EOFA1-1-2021-0602100	N(m) to N(f)	DC to 6 GHz	6 dB	1.35	100 W
EOFA1-1-2021-0603100	N(m) to N(f)	DC to 6 GHz	10 dB	1.35	100 W
EOFA1-1-2021-0604100	N(m) to N(f)	DC to 6 GHz	20 dB	1.35	100 W
EOFA1-1-2021-0605100	N(m) to N(f)	DC to 6 GHz	30 dB	1.35	100 W
EOFA1-1-1011-180102	SMA(m) to SMA(f)	DC to 18 GHz	3 dB	1.35	2 W
EOFA1-1-1011-180202	SMA(m) to SMA(f)	DC to 18 GHz	6 dB	1.35	2 W
EOFA1-1-1011-180302	SMA(m) to SMA(f)	DC to 18 GHz	10 dB	1.35	2 W
EOFA1-1-1011-180402	SMA(m) to SMA(f)	DC to 18 GHz	20 dB	1.35	2 W
EOFA1-1-1011-180502	SMA(m) to SMA(f)	DC to 18 GHz	30 dB	1.35	2 W
EOFA1-1-1011-180105	SMA(m) to SMA(f)	DC to 18 GHz	3 dB	1.35	5 W
EOFA1-1-1011-180205	SMA(m) to SMA(f)	DC to 18 GHz	6 dB	1.35	5 W
EOFA1-1-1011-180305	SMA(m) to SMA(f)	DC to 18 GHz	10 dB	1.35	5 W
EOFA1-1-1011-180405	SMA(m) to SMA(f)	DC to 18 GHz	20 dB	1.35	5 W
EOFA1-1-1011-180505	SMA(m) to SMA(f)	DC to 18 GHz	30 dB	1.35	5 W
EOFA1-1-1011-180110	SMA(m) to SMA(f)	DC to 18 GHz	3 dB	1.40	10 W
EOFA1-1-1011-180210	SMA(m) to SMA(f)	DC to 18 GHz	6 dB	1.40	10 W
EOFA1-1-1011-180310	SMA(m) to SMA(f)	DC to 18 GHz	10 dB	1.40	10 W
EOFA1-1-1011-180410	SMA(m) to SMA(f)	DC to 18 GHz	20 dB	1.40	10 W
EOFA1-1-1011-180510	SMA(m) to SMA(f)	DC to 18 GHz	30 dB	1.40	10 W
EOFA1-1-5051-180105	TNC(m) to TNC(f)	DC to 18 GHz	3 dB	1.35	5 W
EOFA1-1-5051-180205	TNC(m) to TNC(f)	DC to 18 GHz	6 dB	1.35	5 W
EOFA1-1-5051-180305	TNC(m) to TNC(f)	DC to 18 GHz	10 dB	1.35	5 W
EOFA1-1-5051-180405	TNC(m) to TNC(f)	DC to 18 GHz	20 dB	1.35	5 W
EOFA1-1-5051-180505	TNC(m) to TNC(f)	DC to 18 GHz	30 dB	1.35	5 W

Hermercs
Add: 2th Floor, Building 8, Jingang Pioneering Center, 108# Ganjiabian dong, Qixia Dist, Nanjing, Jiangsu ,China, 210046
Tel: 86-25-85490880 Fax: +86-25-85569295
Web Site: www.hermercs.com E-mail: sales@hermercs.com

Coaxial Precision Fixed Attenuators Specifications

Model Number	Connectors Type	Frequency Range	Nominal Attenuation	VSWR	Average Power
EOFA1-1-7071-060102	7/16(m) to 7/16(f)	DC to 6 GHz	3 dB		2 W
EOFA1-1-7071-060202	7/16(m) to 7/16(f)	DC to 6 GHz	6 dB		2 W
EOFA1-1-7071-060302	7/16(m) to 7/16(f)	DC to 6 GHz	10 dB		2 W
EOFA1-1-7071-060402	7/16(m) to 7/16(f)	DC to 6 GHz	20 dB		2 W
EOFA1-1-7071-060502	7/16(m) to 7/16(f)	DC to 6 GHz	30 dB		2 W
EOFA1-1-7071-060105	7/16(m) to 7/16(f)	DC to 6 GHz	3 dB	1.20	5 W
EOFA1-1-7071-060205	7/16(m) to 7/16(f)	DC to 6 GHz	6 dB	1.20	5 W
EOFA1-1-7071-060305	7/16(m) to 7/16(f)	DC to 6 GHz	10 dB	1.20	5 W
EOFA1-1-7071-060405	7/16(m) to 7/16(f)	DC to 6 GHz	20 dB	1.20	5 W
EOFA1-1-7071-060505	7/16(m) to 7/16(f)	DC to 6 GHz	30 dB	1.20	5 W
EOFA1-1-7071-060110	7/16(m) to 7/16(f)	DC to 6 GHz	3 dB	1.30	10 W
EOFA1-1-7071-060210	7/16(m) to 7/16(f)	DC to 6 GHz	6 dB	1.30	10 W
EOFA1-1-7071-060310	7/16(m) to 7/16(f)	DC to 6 GHz	10 dB	1.30	10 W
EOFA1-1-7071-060410	7/16(m) to 7/16(f)	DC to 6 GHz	20 dB	1.30	10 W
EOFA1-1-7071-060510	7/16(m) to 7/16(f)	DC to 6 GHz	30 dB	1.30	10 W
EOFA1-1-7071-060125	7/16(m) to 7/16(f)	DC to 6 GHz	3 dB	1.30	25 W
EOFA1-1-7071-060225	7/16(m) to 7/16(f)	DC to 6 GHz	6 dB	1.30	25 W
EOFA1-1-7071-060325	7/16(m) to 7/16(f)	DC to 6 GHz	10 dB	1.30	25 W
EOFA1-1-7071-060425	7/16(m) to 7/16(f)	DC to 6 GHz	20 dB	1.30	25 W
EOFA1-1-7071-060525	7/16(m) to 7/16(f)	DC to 6 GHz	30 dB	1.30	25 W

Notes:

1) Temperature Range: -45 to +85℃

2) Impedance: 50 Ohms

3) Material

Center Conductor : Gold Plated Beryllium-Copper
Outer Bodies : Brass-Ternary
Isolator : PTFE

4) RoHS Compliant.

5) Drawings available upon request.

Hermercs
Add: 2th Floor, Building 8, Jingang Pioneering Center, 108# Ganjiabian dong, Qixia Dist, Nanjing, Jiangsu ,China, 210046
Tel: 86-25-85490880 Fax: +86-25-85569295
Web Site: www.hermercs.com E-mail: sales@hermercs.com

HERMERCS

We highlight values as:

Customer Focused Value Delivered

Growth Synergic Innovation Driven

www.hermercs.com
sales@hermercs.com