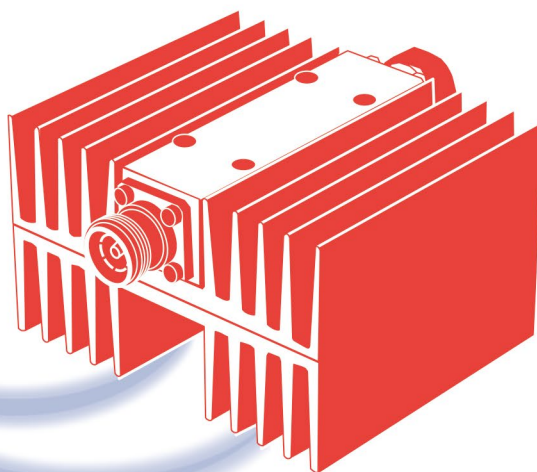


COAXIAL ATTENUATORS



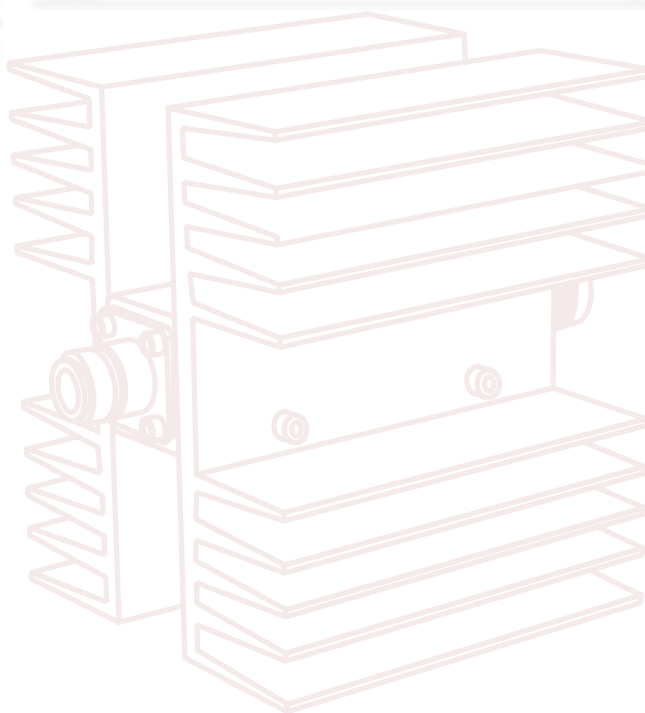
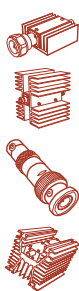
=> [Search by Part Number](#)



For RF & Microwave Equipments Protection

- ⇒ Robust Microstrip Construction
- ⇒ Short Delivery Service
- ⇒ 100% RF Controlled
- ⇒ «5G Ready» 4.3-10 Products for Mobile Phones Networks
- ⇒ 6 GHz Microwave Products
- ⇒ 2.5 kW for Broadcast Applications

2 W 2 GHz	3	150 W 4 GHz	18
2 W 2.5 GHz	4	250 W 1 GHz	19
6 W 2.5 GHz	5	250 W 6 GHz	20
25 - 40 W 2.5 GHz	6	300 W 2.5 GHz	21
25 W 6 GHz	7	400 W 1 GHz	22
40 W 2.5 GHz	8	500 W 6 GHz	23
40 - 100 W 2.5 GHz	9	600 W 1 GHz	24
40 W 4 GHz IP65	10	1 kW 1 GHz	25
60 W 2.5 GHz	11	1.5 kW 1 GHz	26
60 W 4 GHz IP65	12	2 kW 1 GHz	27
60 W 6 GHz	13	2.5 kW 1 GHz	28
100 W 2.5 GHz	14	Search by Part Number	29
100 W 2.7 GHz Low PIM	15	Search by Part Number	30
100 W 4 GHz IP65	16	Notes	31
100 W 6 GHz	17		



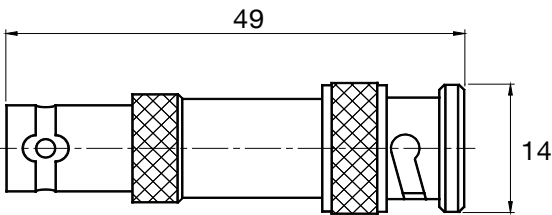
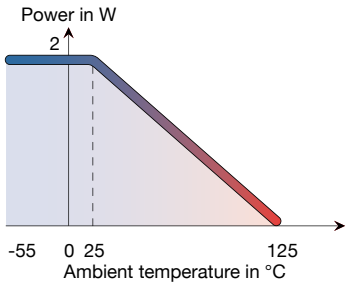


2 W 2 GHz

Standards
NF C 96-315
MIL-DTL-3933



Impedance	50 $\Omega \pm 5\%$
Frequency	DC – 2 GHz
Max VSWR	≤ 1.20 at 1 GHz, ≤ 1.30 at 2 GHz
Temperature range	-55 to +125 °C
Average power @ 25°C	2 W
Weight	22 g



Dimensions in mm

Coaxial Attenuators



Return to Search by Part Number

Attenuation (dB)	P/N (BNC m/f)	Accuracy* $\pm \Delta \alpha$ (dB)
1	16-0401	0.3
2	16-0402	0.3
3	16-0403	0.3
4	16-0404	0.3
5	16-0405	0.4
6	16-0406	0.4
7	16-0407	0.4

Attenuation (dB)	P/N (BNC m/f)	Accuracy* $\pm \Delta \alpha$ (dB)
8	16-0408	0.4
9	16-0409	0.6
10	16-0410	0.6
12	16-0412	0.6
16	16-0416	0.75
20	16-0420	1
30	16-0430	1.5

* at 2 GHz

Others attenuations on request

2 W 2.5 GHz

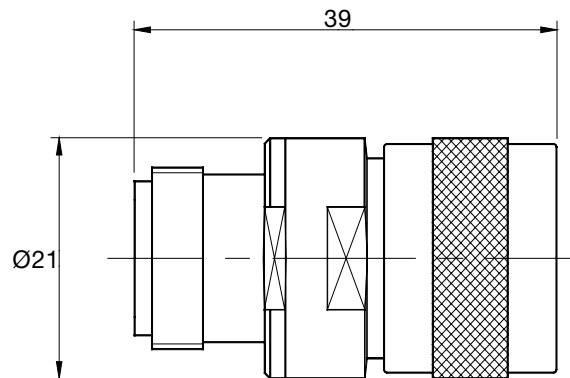
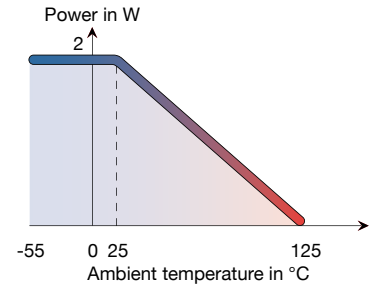


Standards
NF C 96-315
MIL-DTL-3933



Coaxial Attenuators

Impedance 50 $\Omega \pm 5\%$
Frequency DC – 2.5 GHz
Max VSWR ≤ 1.20 at 1 GHz, ≤ 1.30 at 2 GHz
Temperature range -55 to +125°C
Average power @ 25°C 2 W
Weight 55 g



Dimensions in mm

[Return to Search by Part Number](#)

Attenuation (dB)	P/N (N m/f)	Accuracy* $\pm \Delta \alpha$ (dB)
1	16-6688	0.3
2	16-6854	0.3
3	16-6571	0.3
4	16-6844	0.3
5	16-6884	0.3
6	16-6572	0.3
10	16-6573	0.4
12	16-6579	0.5
15	16-6885	0.8
16	16-6578	0.8
20	16-6526	1
30	16-6764	1.5

* at 2 GHz

Others connectors on request



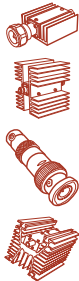
6 W 2.5 GHz



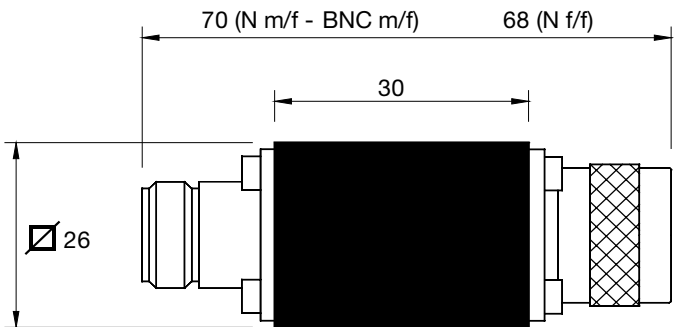
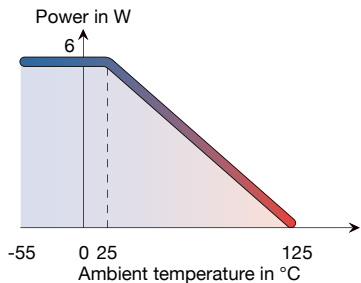
Standards
NF C 96-315
MIL-DTL-3933



Coaxial Attenuators



Impedance 50 Ω ± 5%
Frequency DC – 2.5 GHz
Max VSWR ≤ 1.20 at 1 GHz, ≤ 1.30 at 2 GHz
Temperature range -55 to +125°C
Average power @ 25°C 6 W
Weight 110 g



Dimensions in mm

[Return to Search by Part Number](#)

Attenuation (dB)	P/N (N m/f)	P/N (N f/f)	P/N (BNC m/f)	P/N (7-16 m/f)	Accuracy* ±Δ α (dB)
1	16-0051	16-0045	16-3269	16-6748	0.2
3	16-3553	16-0047	16-3271	16-6689	0.3
6	16-3107	16-0048	16-3273	16-6713	0.3
10	16-3106	16-0097	16-3559	16-6714	0.4
20	16-4496	16-0099	16-3560	16-6715	0.6
30	16-4497	16-0100	16-0084	16-6707	1
40	16-4498	16-0101	16-0085	16-6717	1

* at 2 GHz

Others connectors on request

25 - 40 W 2.5 GHz

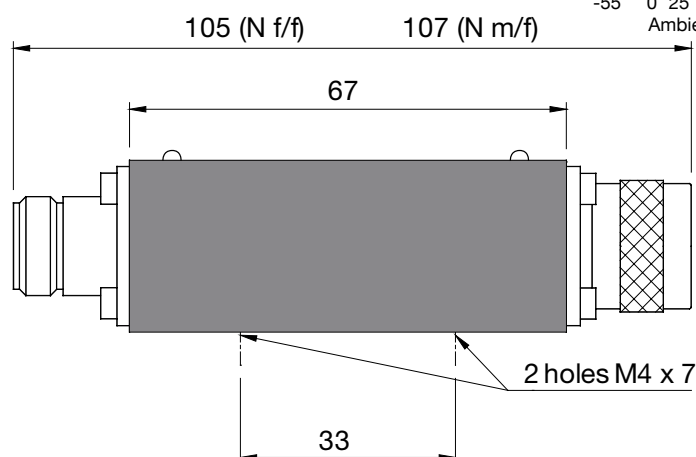
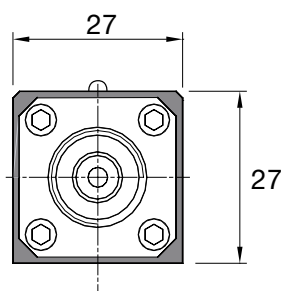
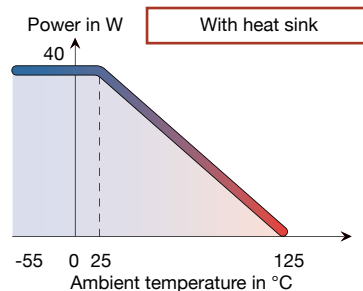
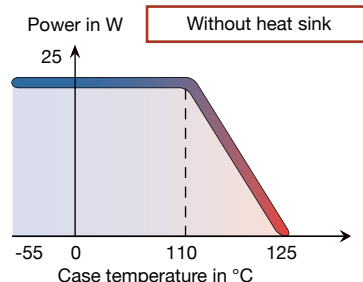


Standards
NF C 96-315
MIL-DTL-3933



Coaxial Attenuators

Impedance	50 $\Omega \pm 5\%$
Frequency	DC – 2.5 GHz
Max VSWR	≤ 1.20 at 1 GHz, ≤ 1.30 at 2 GHz
Temperature range	-55 to +125°C
Average power @ 25°C	25 W (without heat sink) 40 W (with heat sink)
Weight	320 g



Dimensions in mm

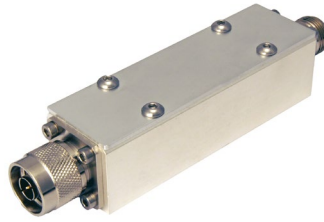
[Return to Search by Part Number](#)

Attenuation (dB)	P/N (N m/f)	P/N (N f/f)	Accuracy* $\pm \Delta \alpha$ (dB)
1	16-6727	16-6749	0.3
2	16-6728	16-6750	0.3
3	16-4517	16-4980	0.3
6	16-4518	16-4981	0.3
10	16-4519	16-4982	0.5
20	16-4520	16-4868	0.5
30	16-4985	16-4983	1
40	16-4986	16-4984	1

* at 2 GHz

Model available with 7-16 connector
Others attenuations on request

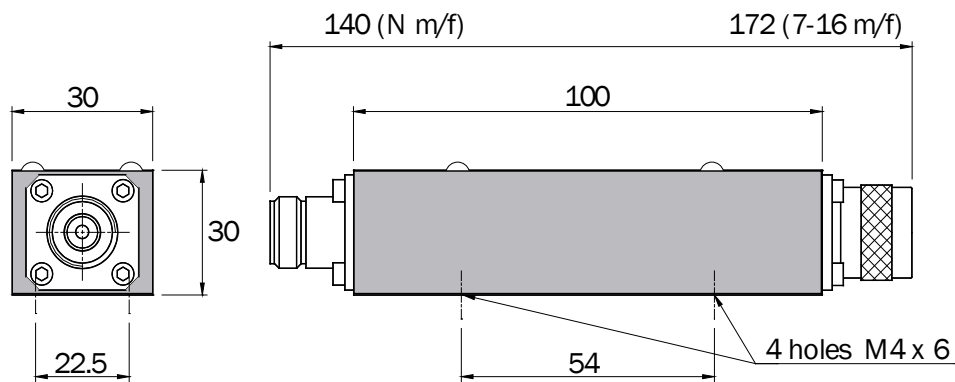
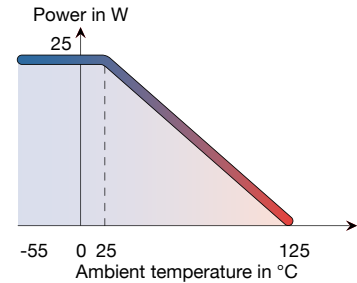
25 W 6 GHz



Standards
NF C 96-315
MIL-DTL-3933



Impedance	50 $\Omega \pm 5\%$
Frequency	DC – 6 GHz
Max VSWR	≤ 1.20 at 3 GHz, ≤ 1.30 at 6 GHz
Temperature range	-55 to +125°C
Average power @ 25°C	25 W
Weight	440 g



Dimensions in mm

[Return to Search by Part Number](#)

Attenuation (dB)	P/N (N m/f)	P/N (7-16 m/f)	Accuracy $\pm \Delta \alpha$ (dB)
3	16-0600	16-0604	0.5
6	16-0625	16-0626	0.5
10	16-0601	16-0605	1
20	16-0602	16-0606	1
30	16-0603	16-0607	1
40	16-6805	16-6849	1.5
50	16-0640	16-0673	1.5

Option	
IMP	Pulse applications 5kV peak

Others attenuations on request



40 W 2.5 GHz

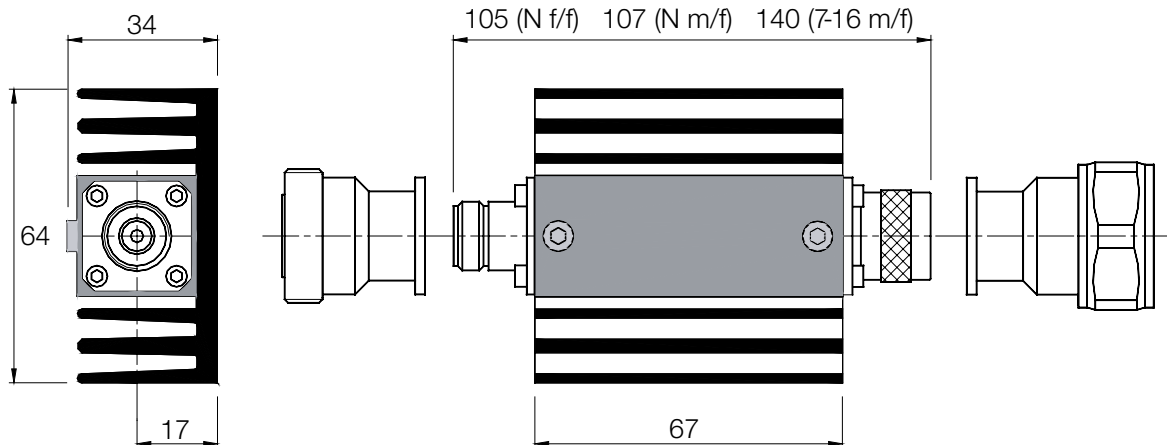
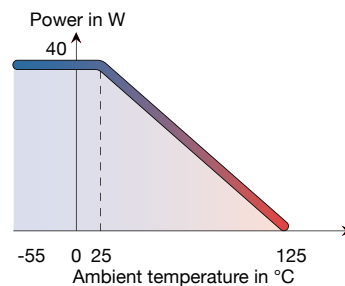


Standards
NF C 96-315
MIL-DTL-3933



Coaxial Attenuators

Impedance	50 $\Omega \pm 5\%$
Frequency	DC – 2.5 GHz
Max VSWR	≤ 1.20 at 1 GHz, ≤ 1.30 at 2 GHz
Temperature range	-55 to +125°C
Average power @ 25°C	40 W
Weight	440 g



Dimensions in mm

[Return to Search by Part Number](#)

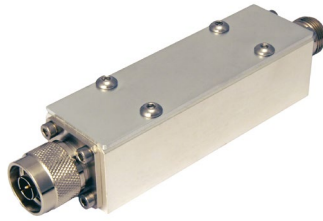
Attenuation (dB)	P/N (N m/f)	P/N (N f/f)	P/N (7-16 m/f)	Accuracy* $\pm \Delta \alpha$ (dB)
2	16-7050	16-7051	16-6980	0.2
3	16-4468	16-4987	16-6614	0.3
4	16-7052	16-7053	16-6981	0.3
6	16-4467	16-4988	16-6615	0.3
10	16-4466	16-4989	16-6616	0.5
20	16-4459	16-4643	16-6617	0.5
30	16-4992	16-4990	16-6618	1
40	16-4993	16-4991	16-6619	1

* at 2 GHz

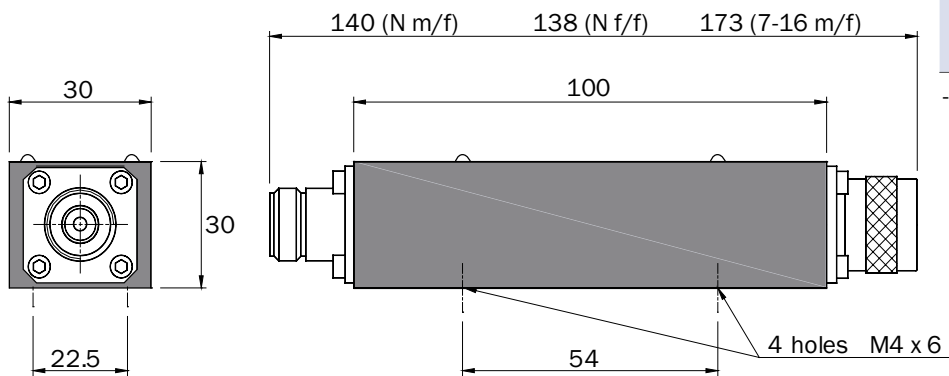
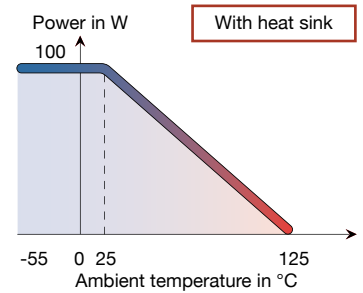
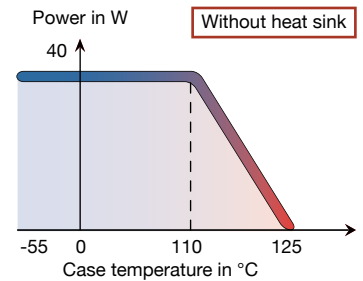
Others attenuations on request

40 - 100 W 2.5 GHz

Standards
NF C 96-315
MIL-DTL-3933



Impedance	$50 \Omega \pm 5\%$
Frequency	DC – 2.5 GHz
Max VSWR	≤ 1.20 at 1 GHz, ≤ 1.30 at 2 GHz
Temperature range	-55 to +125°C
Average power @ 25°C	40 W (without heat sink) 100 W (with heat sink)
Weight	440 g



Dimensions in mm

Coaxial Attenuators



Return to Search by Part Number

Attenuation (dB)	P/N (N m/f)	P/N (N f/f)	P/N (7-16 m/f)	Accuracy* $\pm \Delta \alpha$ (dB)
3	16-4433	16-4994	16-6928	0.3
4	16-0018	16-0019	16-6927	0.3
6	16-4434	16-4995	16-6926	0.3
10	16-3498	16-4307	16-6931	0.5
20	16-4435	16-4996	16-6932	0.5
30	16-4999	16-4997	16-6929	1
30 (at 1GHz)	16-0102	16-0103	16-6930	0.4
40	16-4897	16-4998	16-6934	1

* at 2 GHz

Others attenuations on request

40 W 4 GHz IP65

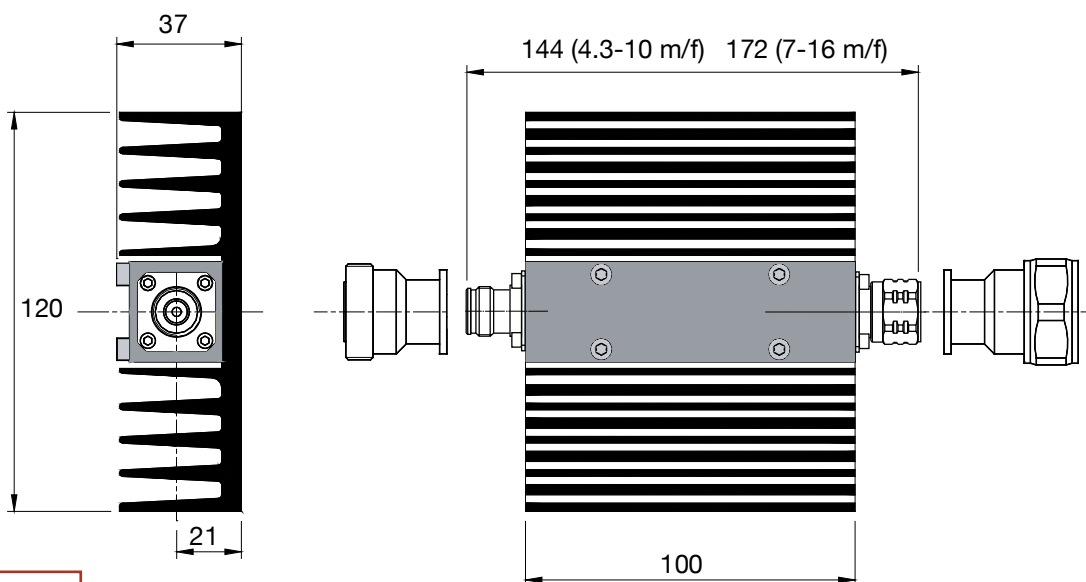
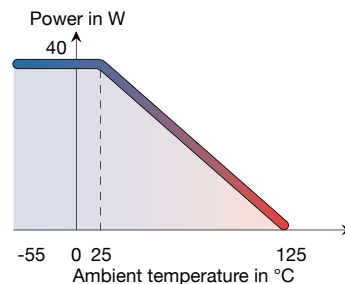


Standards
NF C 96-315
MIL-DTL-3933



Coaxial Attenuators

Impedance	50 Ω $\pm$ 5%
Frequency	DC – 4 GHz
Max VSWR	$\leq$ 1.30 at 4 GHz
Temperature range	-55 to +125°C
Average power @ 25°C	40 W
Protection level	IP65
Weight	660 g



Dimensions in mm

Return to Search by Part Number

Attenuation (dB)	P/N (7-16 m/f)	P/N (4.3-10 m/f)	Accuracy $\pm \Delta \alpha$ (dB)
2	16-6975 IP65	16-7114 IP65	0.4
3	16-6943 IP65	16-7065 IP65	0.4
4	16-6976 IP65	16-7115 IP65	0.5
6	16-6944 IP65	16-7066 IP65	0.5
10	16-6945 IP65	16-7067 IP65	0.75
11	16-6977 IP65	16-7116 IP65	0.75
20	16-6946 IP65	16-7068 IP65	1
30	16-6947 IP65	16-7069 IP65	1

Others attenuations on request



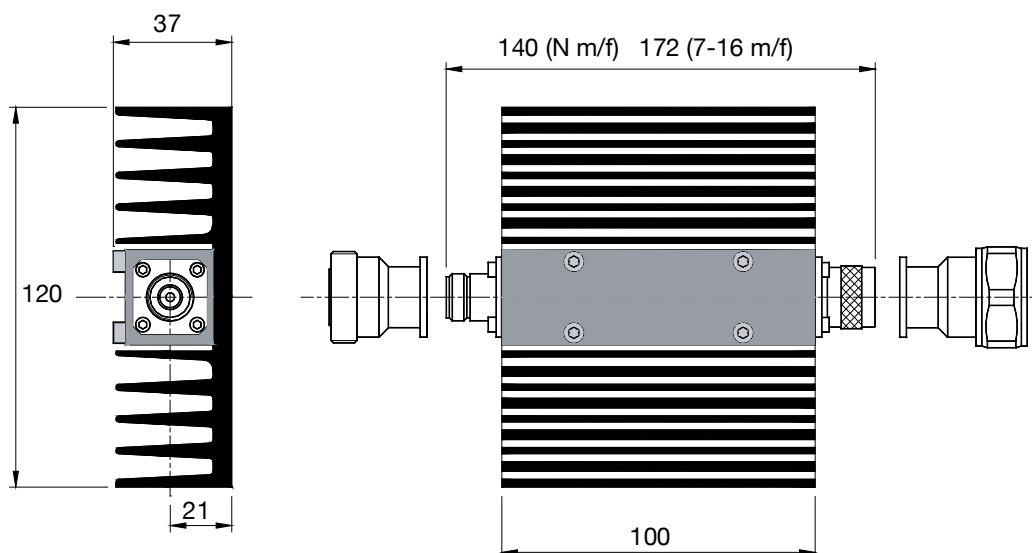
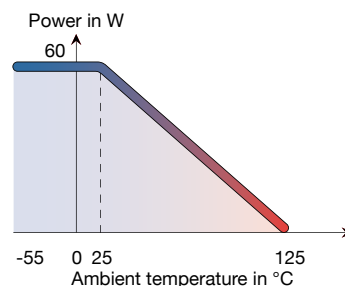
60 W 2.5 GHz



Standards
NF C 96-315
MIL-DTL-3933



Impedance	50 Ω $\pm$ 5%
Frequency	DC – 2.5 GHz
Max VSWR	$\leq$ 1.20 at 1 GHz, $\leq$ 1.30 at 2 GHz
Temperature range	-55 to +125°C
Average power @ 25°C	60 W
Weight	660 g



Dimensions in mm

[Return to Search by Part Number](#)

Attenuation (dB)	P/N (N m/f)	P/N (7-16 m/f)	Accuracy* $\pm \Delta \alpha$ (dB)
1	16-6588	16-6644	0.3
2	16-6589	16-6645	0.3
3	16-6565	16-6620	0.3
6	16-6566	16-6621	0.3
10	16-0170	16-6622	0.5
20	16-6567	16-6623	0.5
30	16-0166	16-6624	1
40	16-6568	16-6625	1

* at 2 GHz

Others attenuations on request

Coaxial Attenuators



60 W 4 GHz IP65

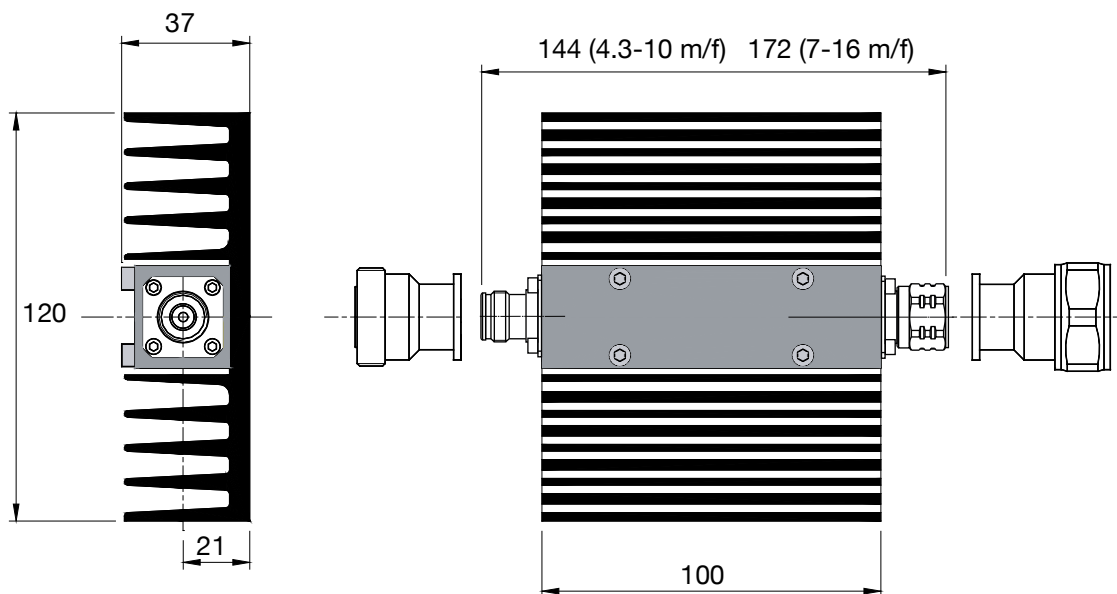
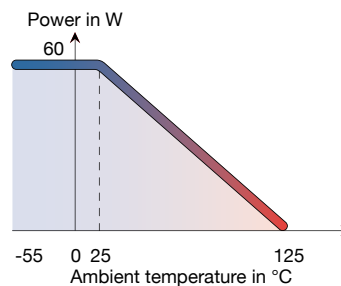


Standards
NF C 96-315
MIL-DTL-3933



Coaxial Attenuators

Impedance	50 Ω $\pm$ 5%
Frequency	DC – 4 GHz
Max VSWR	$\leq$ 1.30 at 4 GHz
Temperature range	-55 to +125°C
Average power @ 25°C	60 W
Protection level	IP 65
Weight	660 g



Dimensions in mm

[Return to Search by Part Number](#)

Attenuation (dB)	P/N (7-16 m/f)	P/N (4.3-10 m/f)	Accuracy $\pm \Delta \alpha$ (dB)
3	16-6948 IP65	16-7070 IP65	0.4
6	16-6949 IP65	16-7071 IP65	0.5
10	16-6950 IP65	16-7072 IP65	0.75
20	16-6951 IP65	16-7073 IP65	1
30	16-6952 IP65	16-7074 IP65	1

Others attenuations on request



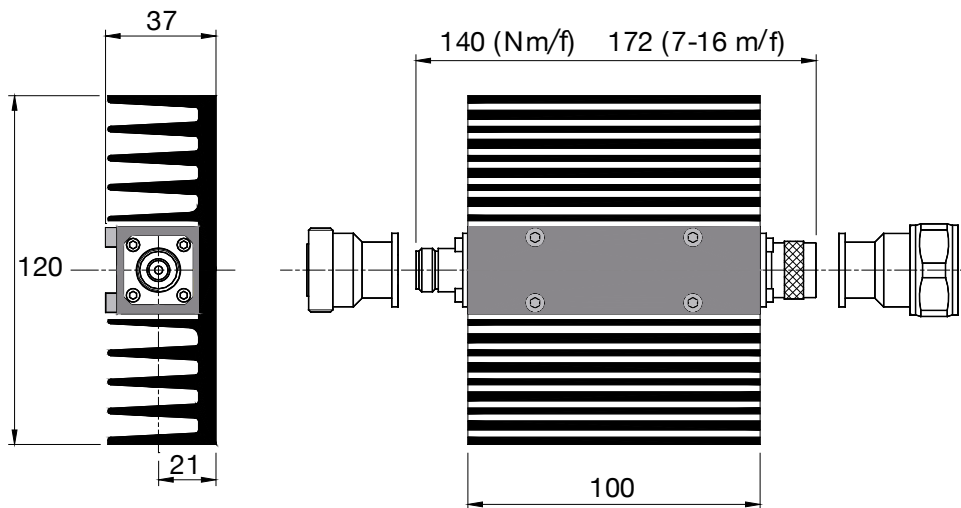
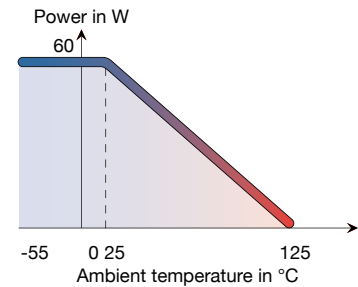
60 W 6 GHz



Standards
NF C 96-315
MIL-DTL-3933



Impedance	50 Ω $\pm$ 5%
Frequency	DC – 6 GHz
Max VSWR	$\leq$ 1.20 at 3 GHz, $\leq$ 1.30 at 6 GHz
Temperature range	-55 to +125°C
Average power @ 25°C	60 W
Weight	660 g



Dimensions in mm

Coaxial Attenuators



[Return to Search by Part Number](#)

Attenuation (dB)	P/N (N m/f)	P/N (N f/f)	P/N (7-16 m/f)	Accuracy $\pm \Delta \alpha$ (dB)
3	16-0608	16-0646	16-0612	0.5
6	16-0627	16-0653	16-0628	0.5
10	16-0609	16-0647	16-0613	1
20	16-0610	16-0639	16-0614	1
30	16-0611	16-0654	16-0615	1
40	16-6850	16-0655	16-6851	1.5

Option	
IMP	Pulse applications 5kV peak

Others attenuations on request

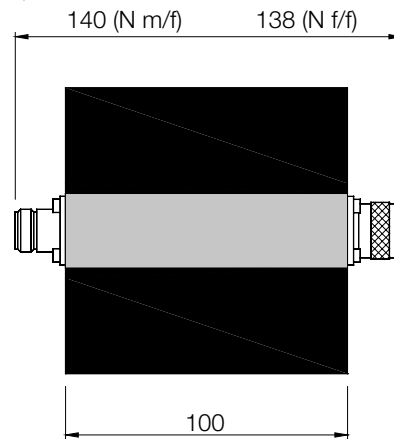
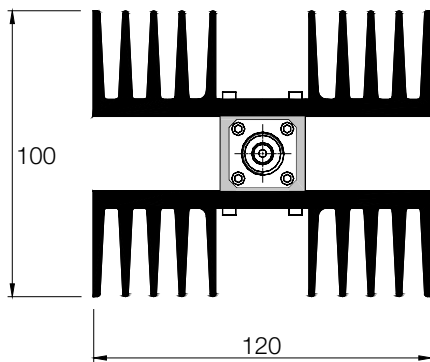
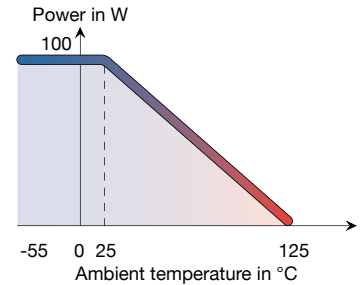
100 W 2.5 GHz



Standards
NF C 96-315
MIL-DTL-3933



Impedance	$50 \Omega \pm 5\%$
Frequency	DC – 2.5 GHz
Max VSWR	≤ 1.20 at 1 GHz, ≤ 1.30 at 2 GHz
Temperature range	-55 to +125°C
Average power @ 25°C	100 W
Weight	1.1 kg



Dimensions in mm

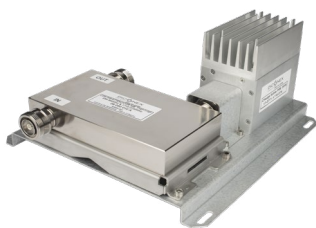
[Return to Search by Part Number](#)

Attenuation (dB)	P/N (N m/f)	P/N (N f/f)	Accuracy* $\pm \Delta \alpha$ (dB)
0.5	16-6978	16-7054	0.2
1	16-6979	16-7055	0.3
3	16-3762	16-5004	0.3
4	16-5255	16-0036	0.3
6	16-3763	16-5005	0.3
10	16-3764	16-3500	0.5
20	16-3765	16-5006	0.5
30	16-4256	16-4255	1
30 (at 1 GHz)	16-5378	16-4312	0.4
40	16-4278	16-5007	1
60	16-6971	16-7056	1.5

* at 2 GHz

Model available with 7-16 connector
Others attenuations on request

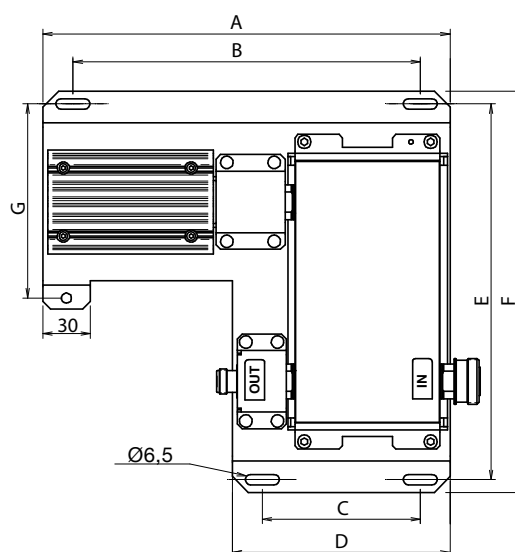
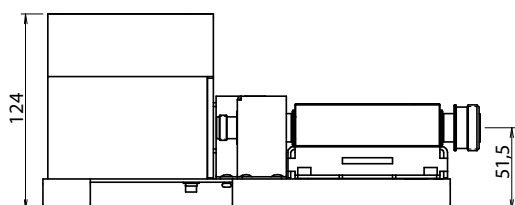
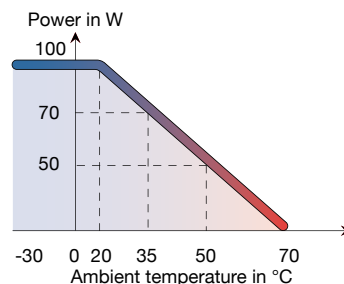
100 W 2.7 GHz Low PIM



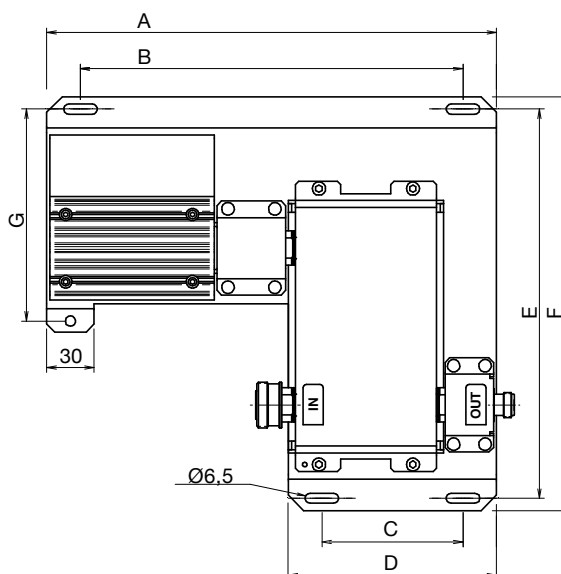
Standards
NF C 96-315
MIL-DTL-3933



Impedance	50 Ω
Frequency	698-960 & 1710-2700 MHz
Intermodulation IM3	≤ -153 dBc for 2 carriers at +43 dBm
Temperature range	-30 to +70°C
Average power @ 20°C	100 W
Protection level	IP 66
Weight	4.5 Kg



3 dB



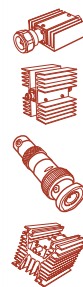
7 - 10 - 20 dB

Dimensions in mm

[Return to Search by Part Number](#)

Attenuation (dB)	P/N (7-16f/Nf)	P/N (7-16 f/f)	Accuracy $\pm \Delta \alpha$ (dB)	VSWR	A (*-)**	B (*-)**	C (*-)**	D (*-)**	E	F	G
3	09 050 006	09 050 010	0.8	≤ 1.4	258	220	100-67	138-105	238	254	123
7	09 050 005	09 050 009	0.8	≤ 1.3	287-255	244-217	90-65	133-103	248	264	135
10	09 050 004	09 050 008	1	≤ 1.3	287-255	244-217	90-65	133-103	248	264	135
20	09 050 003	09 050 007	1.5	≤ 1.4	287-255	244-217	90-65	133-103	248	264	135

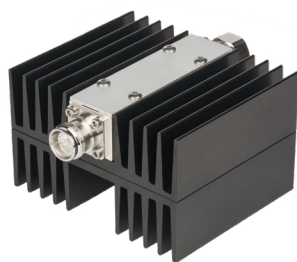
* for "7-16 f to N f", ** for "7-16 f to 7-16 f"



100 W 4 GHz IP65

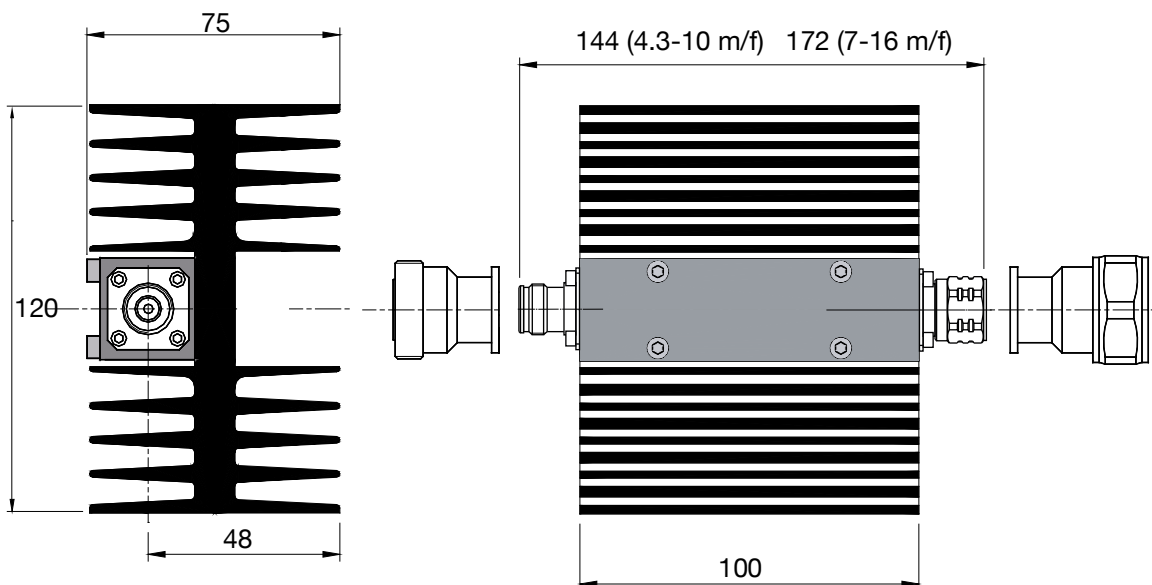
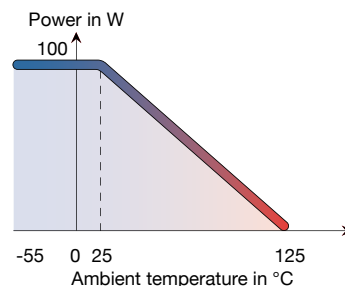


Standards
NF C 96-315
MIL-DTL-3933



Coaxial Attenuators

Impedance	50 Ω $\pm$ 5%
Frequency	DC – 4 GHz
Max VSWR	$\leq$ 1.30 at 4 GHz
Temperature range	-55 to +125°C
Average power @ 25°C	100 W
Protection level	IP 65
Weight	1.1 kg



Dimensions in mm

[Return to Search by Part Number](#)

Attenuation (dB)	P/N (7-16 m/f)	P/N (4.3-10 m/f)	Accuracy $\pm \Delta \alpha$ (dB)
3	16-6953 IP65	16-7063 IP65	0.4
6	16-6954 IP65	16-7075 IP65	0.5
10	16-6955 IP65	16-7076 IP65	0.75
20	16-6956 IP65	16-7077 IP65	1
30	16-6957 IP65	16-7078 IP65	1
40	16-7064 IP65	16-7117 IP65	1

Others attenuations on request



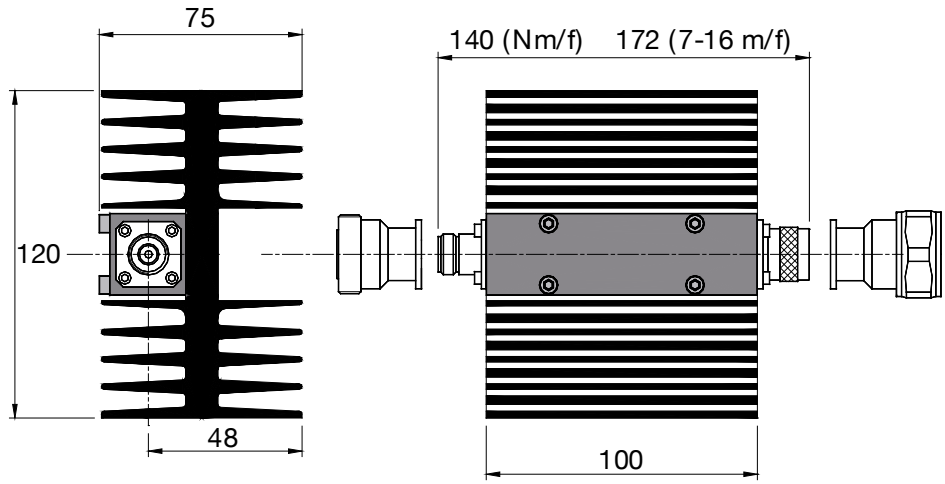
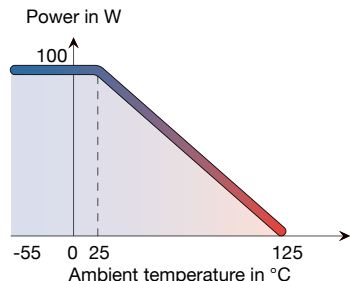
100 W 6 GHz



Standards
NF C 96-315
MIL-DTL-3933

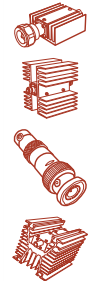


Impedance	50 Ω $\pm$ 5%
Frequency	DC – 6 GHz
Max VSWR	$\leq$ 1.20 at 3 GHz, $\leq$ 1.30 at 6 GHz
Temperature range	-55 to +125°C
Average power @ 25°C	100 W
Weight	1.1 kg



Dimensions in mm

Coaxial Attenuators



[Return to Search by Part Number](#)

Attenuation (dB)	P/N (N m/f)	P/N (7-16 m/f)	Accuracy $\pm \Delta \alpha$ (dB)
1	16-0667	16-0674	0.5
3	16-0616	16-0620	0.5
6	16-0629	16-0630	0.5
10	16-0617	16-0621	1
20	16-0618	16-0622	1
30	16-0619	16-0623	1
40	16-6804	16-6852	1.5
50	16-0668	16-0675	1.5

Option	
IMP	Pulse applications 5kV peak

Others attenuations on request

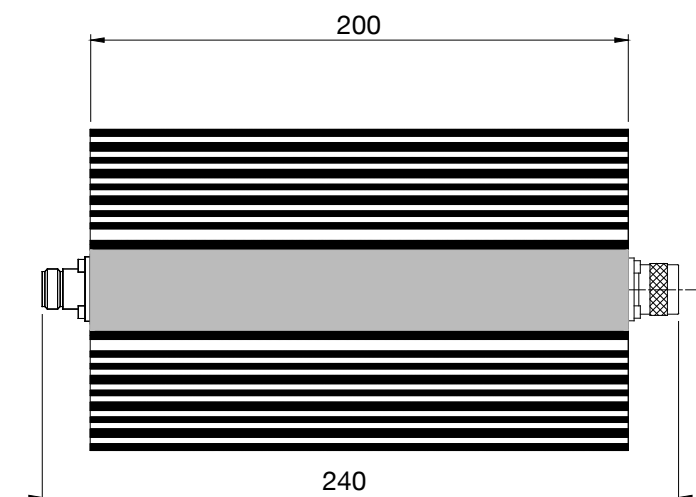
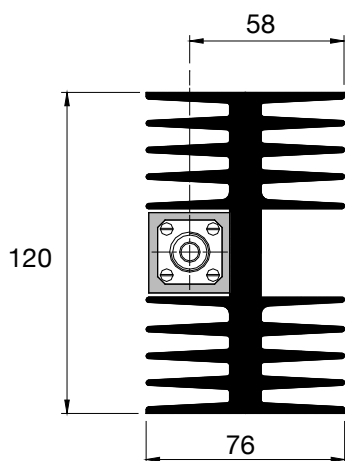
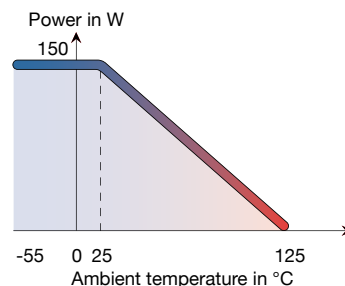


Standards
NF C 96-315
MIL-DTL-3933

150 W 4 GHz



Impedance $50 \Omega \pm 5\%$
Frequency DC - 4 GHz
Max VSWR ≤ 1.20 at 2 GHz, ≤ 1.30 at 4 GHz
Temperature range -55 to $+125^\circ\text{C}$
Average power @ 25°C 150 W
Weight 2 kg



Dimensions in mm

[Return to Search by Part Number](#)

Attenuation (dB)	P/N (N m/f)	Accuracy $\pm \Delta \alpha$ (dB)
1	16-6859	0.5
3	16-6759	0.5
5	16-7043	0.5
6	16-6767	0.5
10	16-6760	1
20	16-6848	1
30	16-6761	1
40	16-6775	1
50	16-7044	1
60	16-7045	1

Model available with 7-16 connector
Others attenuations on request



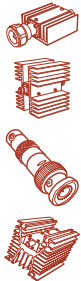
250 W 1 GHz



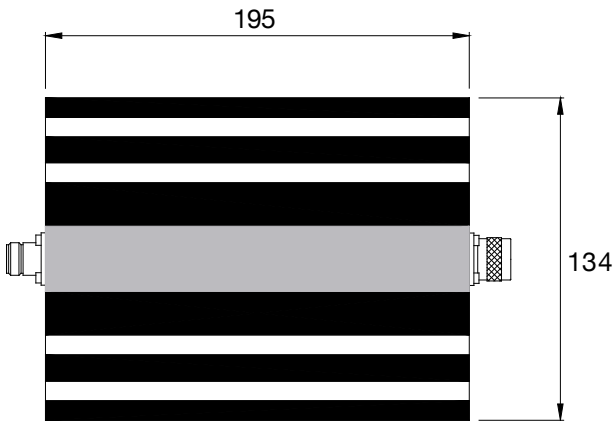
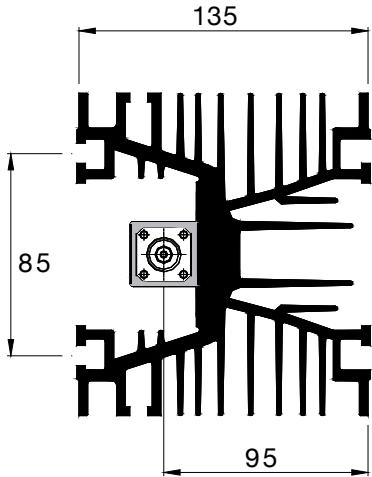
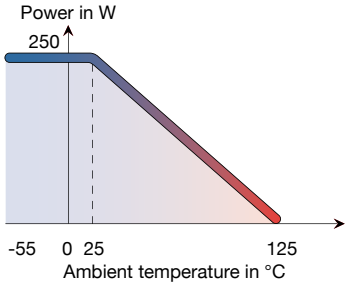
Standards
NF C 96-315
MIL-DTL-3933



Coaxial Attenuators



Impedance $50 \Omega \pm 5\%$
Frequency DC – 1 GHz
Max VSWR ≤ 1.30 at 1 GHz
Temperature range -55 to +125°C
Average power @ 25°C 250 W
Weight 3.7 kg



Dimensions in mm

[Return to Search by Part Number](#)

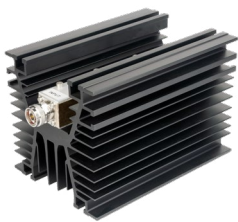
Attenuateur (dB)	P/N (N m/f)	Accuracy $\pm \Delta \alpha$ (dB)
1	16-7087	0.3
3	16-6569	0.6
6	16-6513	0.6
10	16-6510	1
20	16-6545	1
30	16-0286	1.2
40	16-6534	1.5

Model available with 7-16 connector
Others attenuations on request

250 W 6 GHz

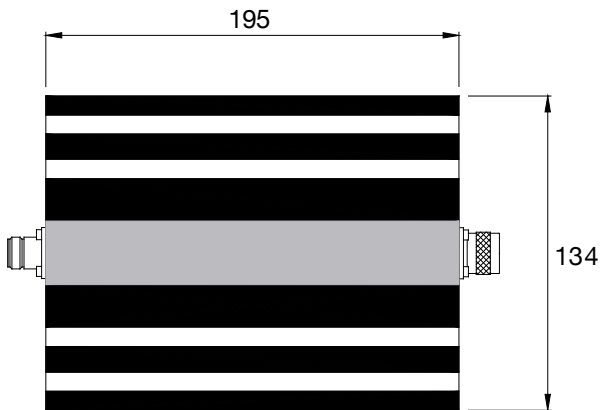
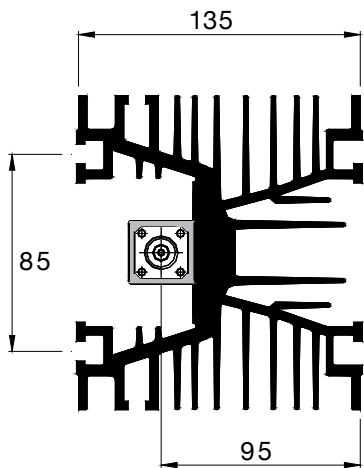
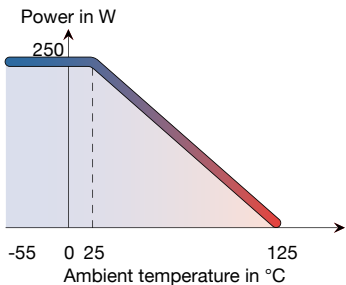


Standards
NF C 96-315
MIL-DTL-3933



Coaxial Attenuators

Impedance	$50 \Omega \pm 5\%$
Frequency	DC – 6 GHz
Max VSWR	≤ 1.20 at 3 GHz, ≤ 1.30 at 6 GHz
Temperature range	-55 to +125°C
Average power @ 25°C	250 W
Weight	3.2 kg



Dimensions in mm

[Return to Search by Part Number](#)

Attenuation (dB)	P/N (N m/f)	P/N (N f/f)	P/N (7-16 m/f)	Accuracy $\pm \Delta \alpha$ (dB)
1	16-0676	16-0662	16-0679	0.75
2	16-0677	16-0663	16-0680	0.75
3	16-0631	16-0641	16-0681	0.75
6	16-0632	16-0649	16-0643	0.75
10	16-0633	16-0648	16-0644	1
20	16-0634	16-0678	16-0682	1
30	16-0635	16-0645	16-0683	1
40	16-0636	16-0651	16-0684	1
50	16-0686	16-0652	16-0685	1.5

Option

IMP

Pulse applications 5kV peak

Others attenuations on request



300 W 2.5 GHz



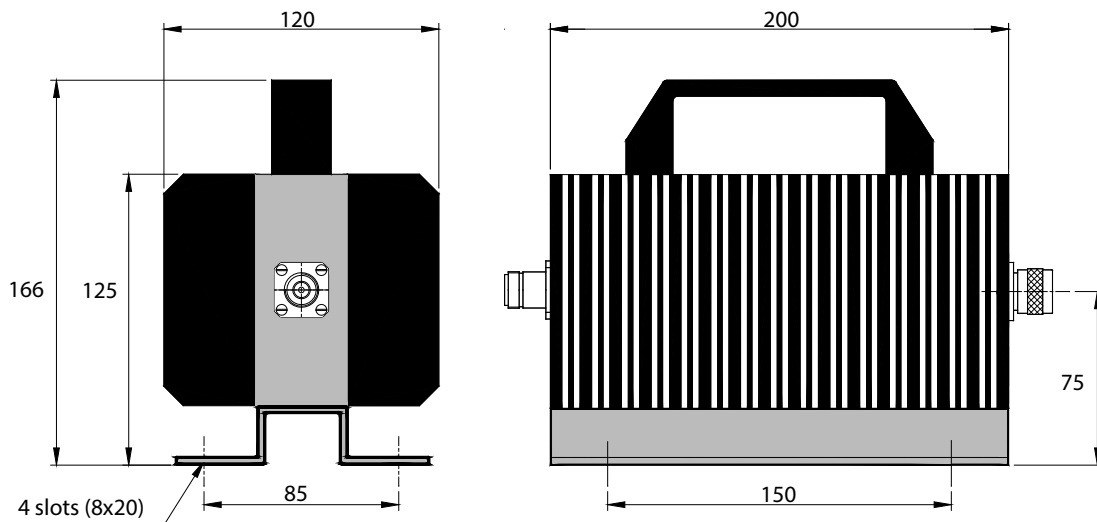
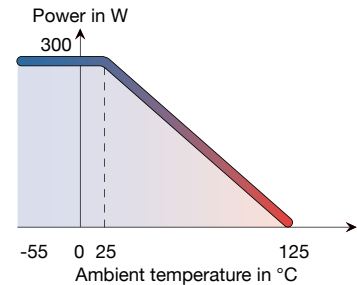
Standards
NF C 96-315
MIL-DTL-3933



Coaxial Attenuators



Impedance $50 \Omega \pm 5\%$
Frequency DC - 2.5 GHz
Max VSWR ≤ 1.15 at 1 GHz, ≤ 1.30 at 2.5 GHz
Temperature range -55 to $+125^\circ\text{C}$
Average power @ 25°C 300 W
Weight 3.5 kg



Dimensions in mm

Return to Search by Part Number

Attenuation (dB)	P/N (N m/f)	Accuracy $\pm \Delta \alpha$ (dB)
2	16-6824	1*
3	16-6825	1*
4	16-6776	1*
6	16-6876	1.5*
10	16-6757	1*
20	16-7047	1.5
30	16-6870	1.5
40	16-6864	1.5

* At 1 GHz

Model available with 7-16 connector
Others attenuations on request

Option	
IMP	Pulse applications 5kV peak

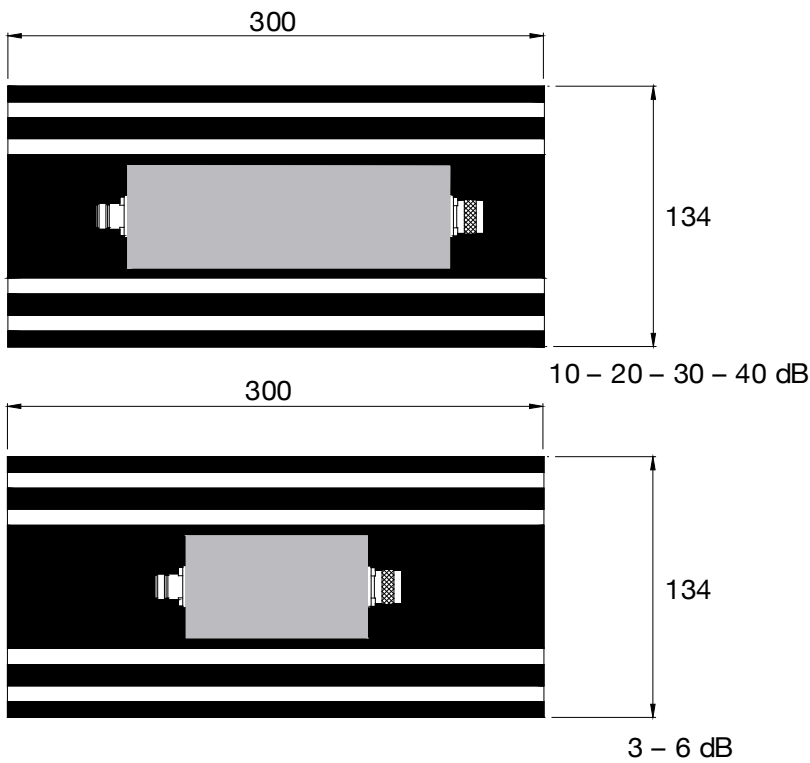
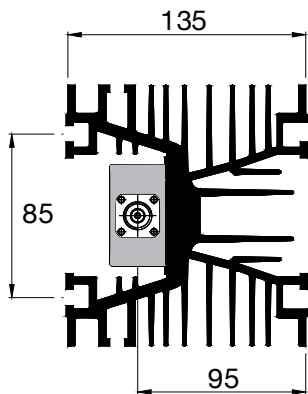
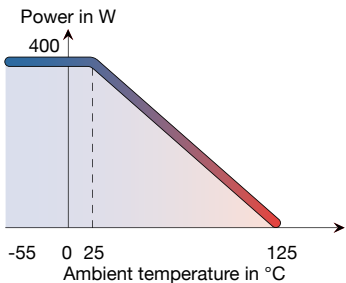
400 W 1 GHz



Standards
NF C 96-315
MIL-DTL-3933



Impedance $50 \Omega \pm 5\%$
Frequency DC – 1 GHz
Max VSWR ≤ 1.30 at 1 GHz
Temperature range -55 to +125°C
Average power @ 25°C 400 W
Weight 5.5 kg



Dimensions in mm

[Return to Search by Part Number](#)

Attenuation (dB)	P/N	Connector	Accuracy $\pm \Delta \alpha$ (dB)
3	16-5281	N m/f	0.6
6	16-5282	N m/f	0.6
6	16-6815	N f/f	0.6
10	16-5283	N m/f	1
20	16-3976	N m/f	1
30	16-4170	N m/f	1.2
40	16-4261	N m/f	1.5

Others attenuations on request

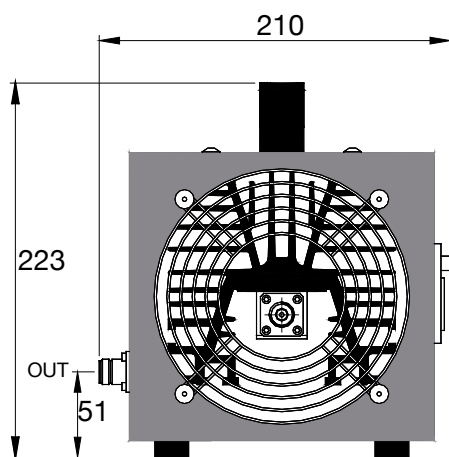
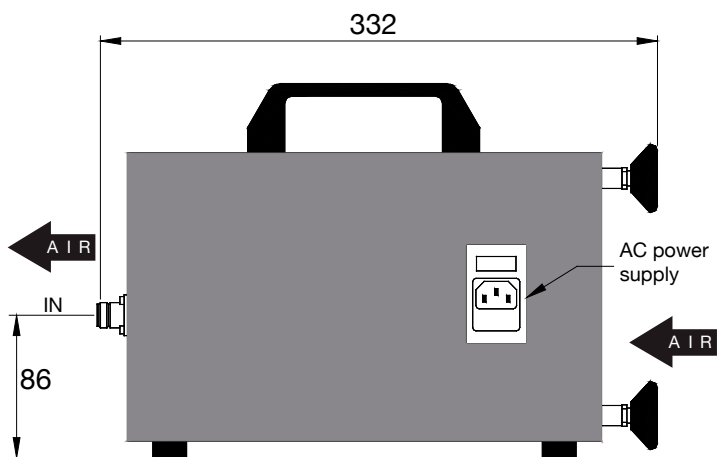
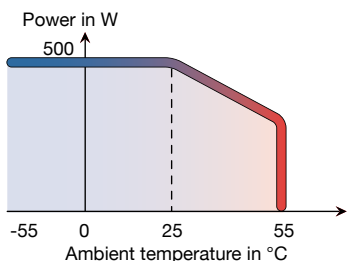
500 W 6 GHz



Standards
NF C 96-315
MIL-DTL-3933

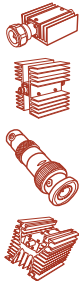


Impedance	50 $\Omega \pm 5\%$
Frequency	DC – 6 GHz
Max VSWR	≤ 1.30 at 6 GHz
Temperature range	-55 to +55°C
Average power @ 25°C	500 W
Cooling	Forced air
Power supply	28 VA (1 fan) - C14 IEC Fuses Inlet
Weight	6 kg



Dimensions in mm

Coaxial Attenuators



[Return to Search by Part Number](#)

Attenuation (dB)	P/N	Connector	AC power supply	Accuracy $\pm \Delta \alpha$ (dB)
6	16-0687	N m/f	220 V – 50/60 Hz	1.5
10	16-0670	N m/f	220 V – 50/60 Hz	1.5
20	16-0659	N m/f	220 V – 50/60 Hz	2
30	16-0658	N m/f	220 V – 50/60 Hz	2
40	16-0657	N f/f	220 V – 50/60 Hz	2
53	16-0656	N m/f	220 V – 50/60 Hz	2

Others attenuations on request

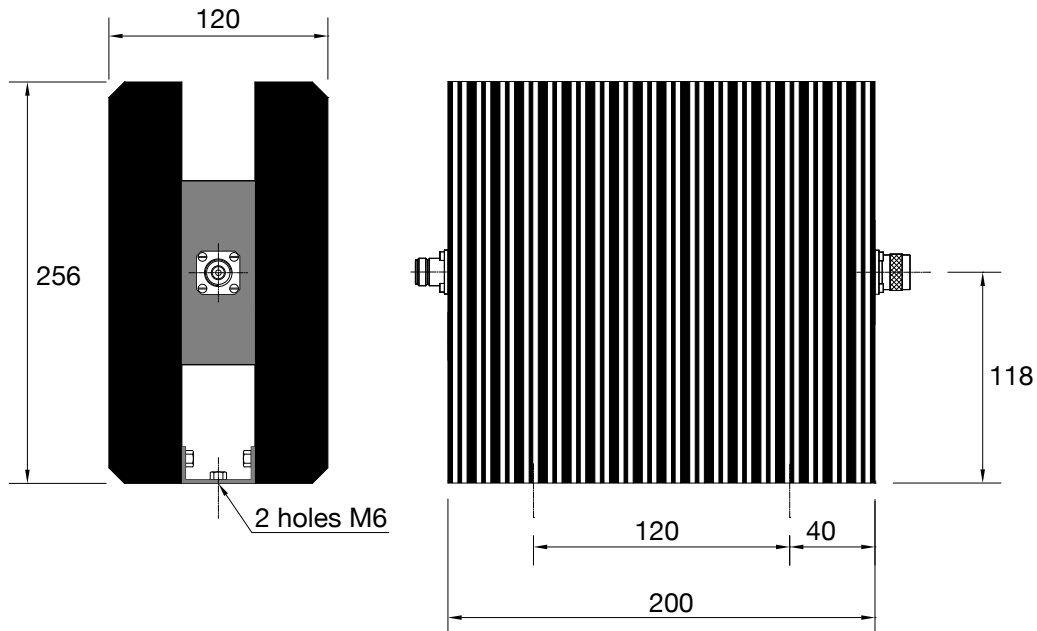
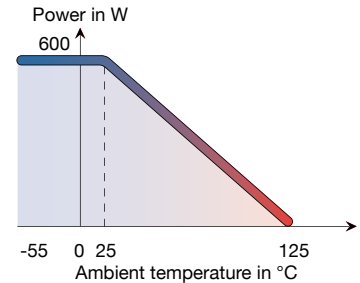
600 W 1 GHz



Standards
NF C 96-315
MIL-DTL-3933



Impedance	$50 \Omega \pm 5\%$
Frequency	DC – 1 GHz (on request DC - 2.5 GHz)
Max VSWR	≤ 1.30 at 1 GHz
Temperature range	-55 to +125°C
Average power @ 25°C	600 W
Weight	8.2 kg



Dimensions in mm

[Return to Search by Part Number](#)

Attenuation (dB)	P/N	Connector	Accuracy $\pm \Delta \alpha$ (dB)
2	16-6983	7-16 f/f	0.3
3	16-6581	N m/f	0.75
6	16-6582	N m/f	0.75
20	16-7085	N m/f	1
30	16-6527	N m/f	1
40	16-6653	N m/f	1
40	16-6606	N f/f	1
40	16-6834	7-16f / Nf	1

Model available with 7-16 connector
Others attenuations on request



1 kW 1 GHz



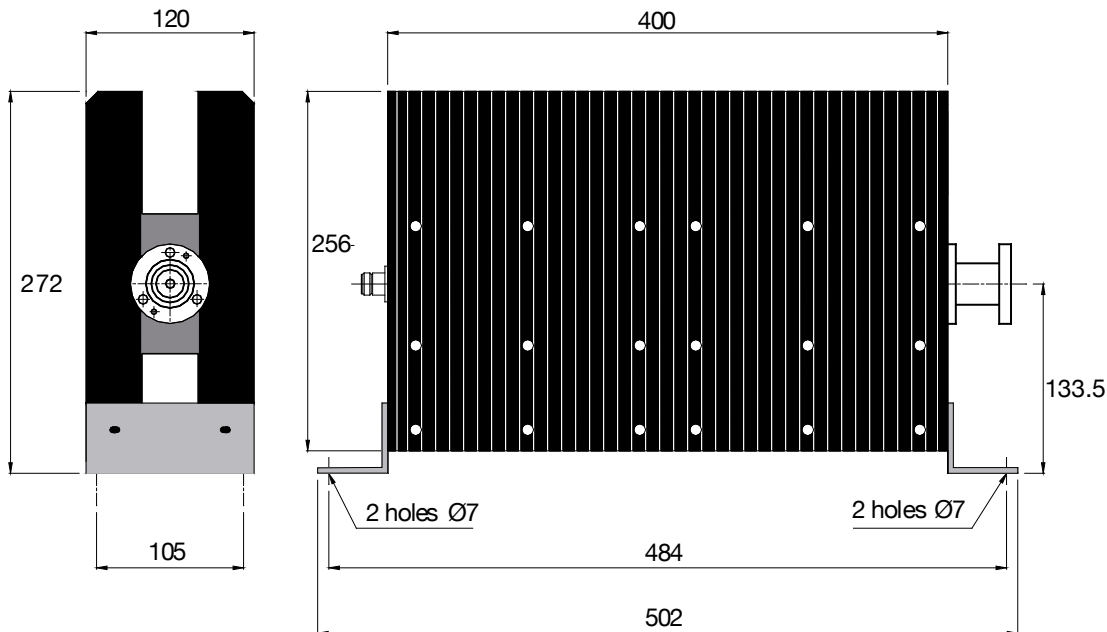
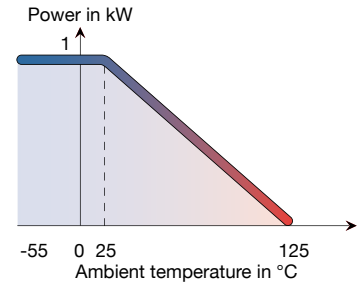
Standards
NF C 96-315
MIL-DTL-3933



Coaxial Attenuators



Impedance $50 \Omega \pm 5\%$
Frequency DC – 1 GHz
Max VSWR ≤ 1.30 at 1 GHz
Temperature range -55 to $+125^\circ\text{C}$
Average power @ 25°C 1 kW
Weight 15 kg



Dimensions in mm

[Return to Search by Part Number](#)

Attenuation (dB)	P/N	Connector	Accuracy $\pm \Delta \alpha$ (dB)
3	16-7001	N m/f	1
3	16-6858	7-16 f/f	1
6	16-6816	7-16 f/f	1.5
10	16-6649	N m/m	1.5
10	16-6967	7-16f / Nf	1.5
20	16-6872	7-16f / Nf	1.5
30	16-6563	EIA 7/8" - Nf	1.5
30	16-6598	N m/f	1.5

Attenuation (dB)	P/N	Connector	Accuracy $\pm \Delta \alpha$ (dB)
30	16-7049	N f/f	1.5
30	16-6700	7-16f / Nf	1.5
40	16-6731	N m/f	1.5
40	16-6772	N f/f	1.5
40	16-6833	7-16f / Nf	1.5
60	16-6785	7-16m / Nf	1.5
60	16-7014	N m/f	1.5
60	16-7010	7-16f / Nf	1.5

Others models on request

1.5 kW 1 GHz

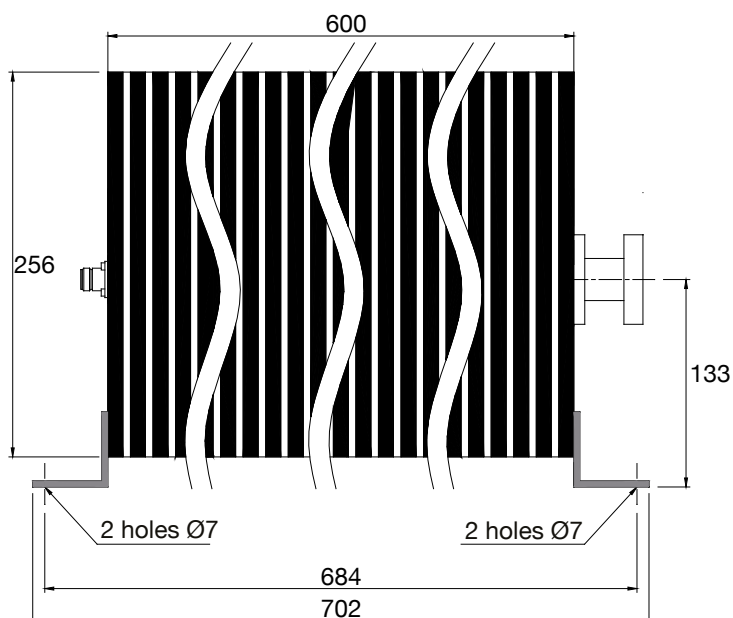
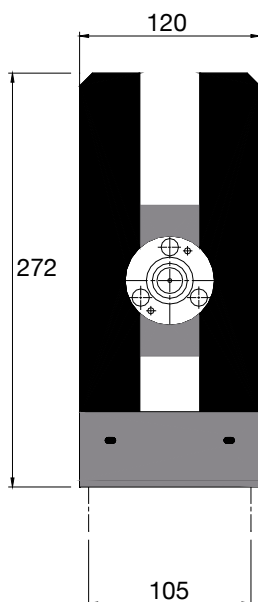
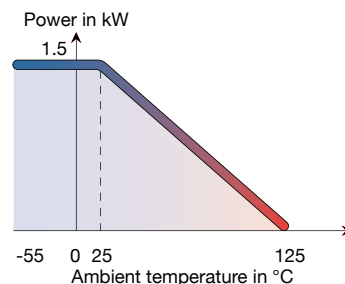


Standards
NF C 96-315
MIL-DTL-3933



Coaxial Attenuators

Impedance $50 \Omega \pm 5\%$
Frequency DC – 1 GHz
Max VSWR ≤ 1.30 at 1 GHz
Temperature range -55 to $+125^\circ\text{C}$
Average power @ 25°C 1.5 kW
Weight 24 kg



Dimensions in mm

[Return to Search by Part Number](#)

Attenuation (dB)	P/N	Connector	Accuracy $\pm \Delta \alpha$ (dB)
6	16-7017	7-16 f/f	1.5
30	16-6940	7-16f / Nf	2
30	16-6547	EIA 7/8" - Nf	2
30	16-6539	N m/f	2
30	16-6533	7-16 m/f	2
40	16-6658	7-16f / Nf	2*
40	16-6921	7-16f / Nf	2
40	16-7059	N f/f	2
60	16-6936	7-16m / Nf	2

* DC to 100 MHz Accuracy : ± 0.4 dB
Variation : ± 0.4 dB

Others attenuations on request

2 kW 1 GHz

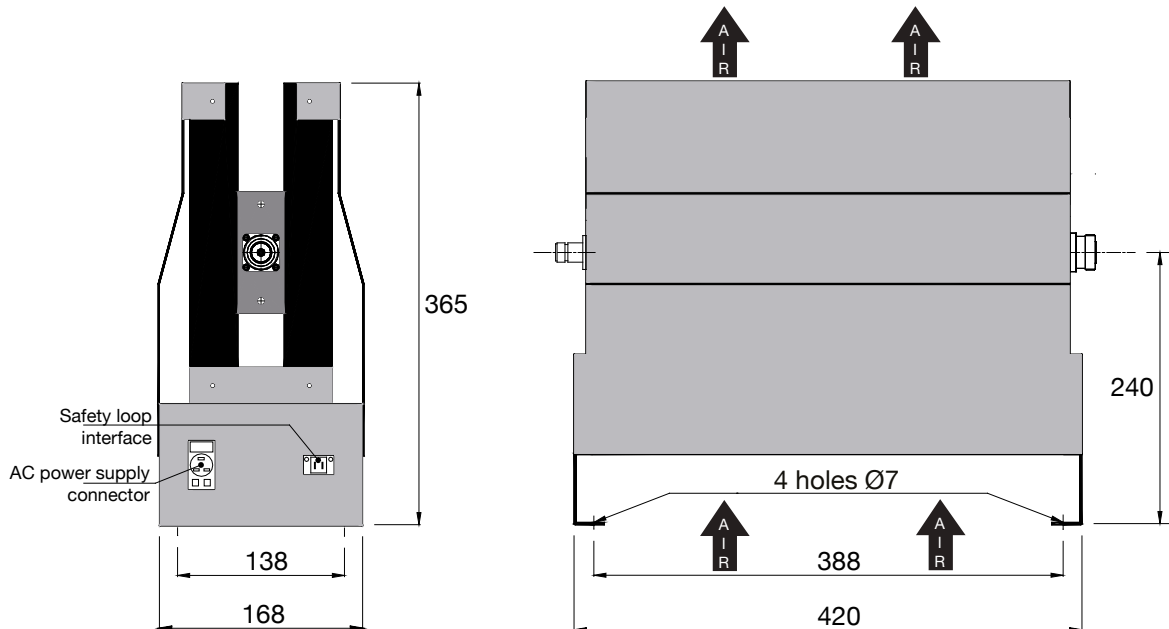
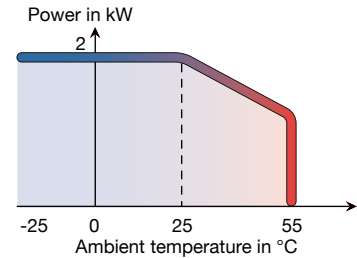


Standards
NF C 96-315
MIL-DTL-3933



Coaxial Attenuators

Impedance	50 $\Omega \pm 5\%$
Frequency	DC – 1 GHz
Max VSWR	≤ 1.30 at 1 GHz
Temperature range	-25 to +55°C
Average power @ 25°C	2 kW
Cooling	Forced air
Safety loop	AC Power supply + Thermoswitch (5/5.08 Feed through header - 2 wires AWG 24-12)
Power supply	56 VA (2 fans) - C14 IEC Fuses Inlet
Weight	22 kg



Dimensions in mm

[Return to Search by Part Number](#)

Attenuation (dB)	P/N	Connector	AC power supply	Accuracy $\pm \Delta \alpha$ (dB)
3	16-6914	N m/f	220 V – 50/60 Hz	0.75
3	16-6857	7-16f / 7-16f	220 V – 50/60 Hz	1
10	16-7018	7-16f / Nf	220 V – 50/60 Hz	1.5
30	16-6553	EIA 7/8" - Nf	220 V – 50/60 Hz	1.5
30	16-6699	7-16f / Nf	220 V – 50/60 Hz	1.5
60	16-6938	EIA 7/8" - Nf	220 V – 50/60 Hz	2

Others attenuations on request

2.5 kW 1 GHz

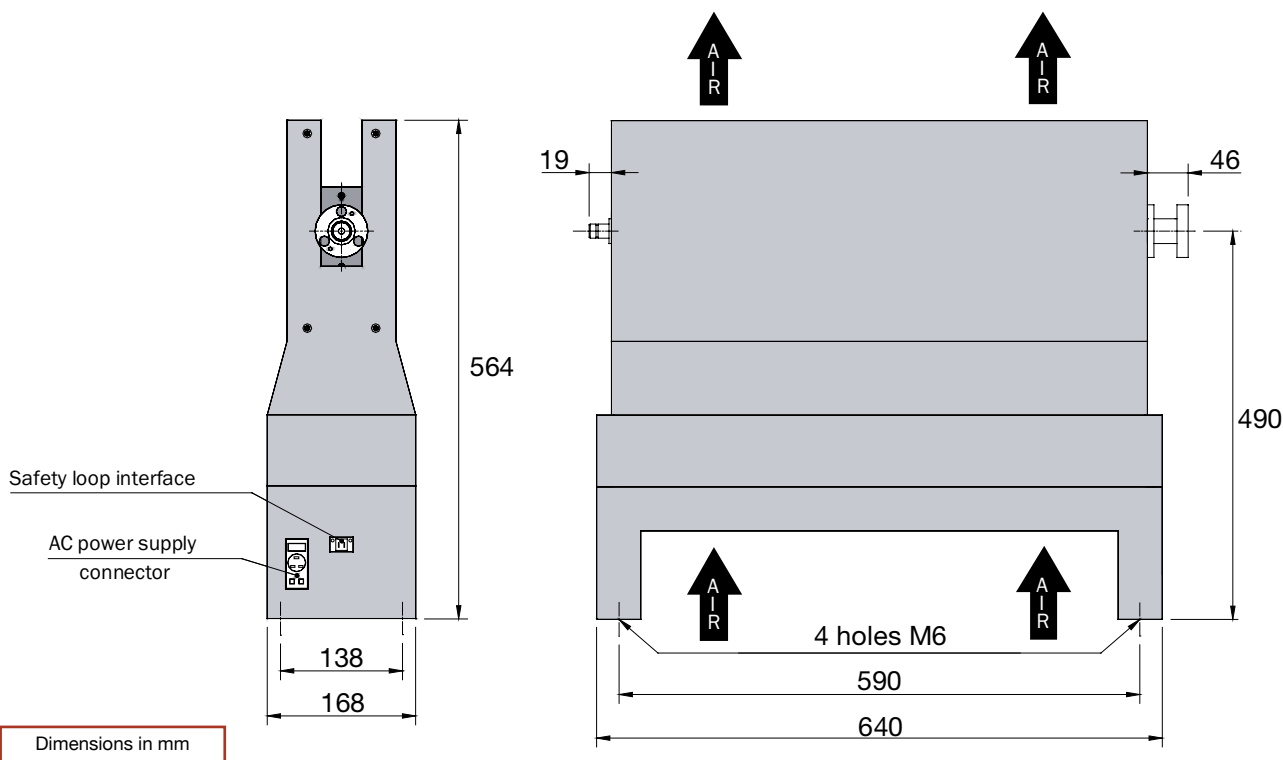
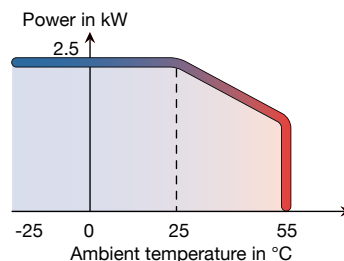


Standards
NF C 96-315
MIL-DTL-3933



Coaxial Attenuators

Impedance	50 Ω $\pm$ 5%
Frequency	DC – 1 GHz
Max VSWR	$\leq$ 1.10 at 1 GHz
Temperature range	-25 to +55°C
Average power @ 25°C	2.5 kW
Cooling	Forced air
Safety loop	AC Power supply + Thermoswitch (5/5.08 Feed through header - 2 wires AWG 24-12)
Power supply	112 VA (4 fans) - C14 IEC Fuses Inlet
Weight	30 kg



[Return to Search by Part Number](#)

Attenuation (dB)	P/N	Connector	AC power supply	Accuracy $\pm \Delta \alpha$ (dB)
30	16-6807	EIA 7/8" - Nf	220 V – 50/60 Hz	2*
40	16-6597	EIA 7/8" - Nf	220 V – 50/60 Hz	2*
40	16-6838	7-16 f/f	220 V – 50/60 Hz	2*
60	16-6968	7-16f / Nf	220 V – 50/60 Hz	2*
60	16-6939	EIA 7/8" - Nf	220 V – 50/60 Hz	2*

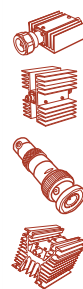
* 470 to 860 MHz Accuracy : $\pm$ 0.2 dB
Variation : $\pm$ 0.2 dB

Others attenuations on request

Search by Part Number

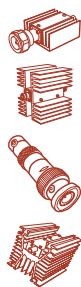
Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page
09-050-003	N15	16-0607	N7	16-0659	N23	16-4466	N8
09-050-004	N15	16-0608	N13	16-0662	N20	16-4467	N8
09-050-005	N15	16-0609	N13	16-0663	N20	16-4468	N8
09-050-006	N15	16-0610	N13	16-0667	N17	16-4496	N5
09-050-007	N15	16-0611	N13	16-0668	N17	16-4497	N5
09-050-008	N15	16-0612	N13	16-0670	N23	16-4498	N5
09-050-009	N15	16-0613	N13	16-0673	N7	16-4517	N6
09-050-010	N15	16-0614	N13	16-0674	N17	16-4518	N6
16-0018	N9	16-0615	N13	16-0675	N17	16-4519	N6
16-0019	N9	16-0616	N17	16-0676	N20	16-4520	N6
16-0036	N14	16-0617	N17	16-0677	N20	16-4643	N8
16-0045	N5	16-0618	N17	16-0678	N20	16-4868	N6
16-0047	N5	16-0619	N17	16-0679	N20	16-4897	N9
16-0048	N5	16-0620	N17	16-0680	N20	16-4980	N6
16-0051	N5	16-0621	N17	16-0681	N20	16-4981	N6
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