

Application

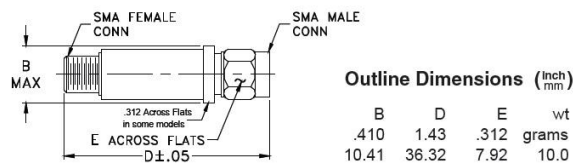
- Signal level adjustment
- Impedance matching

Feature

- Rugged unibody construction
- Off-the-shelf availability

Specification

- SMA Fixed Attenuator DC-6 GHz、50Ω、1Watt&0.5 Watt



Frequency (GHz)	Attenuation (dB)* & Flatness**					VSWR (:1)					Input Power (W) max.
		DC-3GHz	3-5GHz	5-6GHz	DC-6GHz	DC-3GHz		3-5GHz		5-6GHz	
$f_L - f_U$	nom.	typ.	typ.	typ.	typ.	typ.	max.	typ.	max.	typ.	
DC-6	1±0.3	0.20	0.20	0.20	0.60	1.05	1.20	1.10	1.40	1.40	1.0
	2±0.3	0.20	0.20	0.25	0.65	1.05	1.20	1.20	1.50	1.50	1.0
	3±0.3	0.20	0.15	0.15	0.45	1.05	1.20	1.15	1.40	1.40	1.0
	5±0.3	0.10	0.10	0.10	0.25	1.05	1.20	1.15	1.45	1.40	1.0
	6±0.3	0.15	0.10	0.20	0.45	1.05	1.20	1.15	1.45	1.50	1.0
	8±0.3	0.10	0.10	0.15	0.20	1.05	1.25	1.20	1.45	1.60	1.0
	10±0.3	0.10	0.20	0.15	0.35	1.05	1.25	1.20	1.60	1.90	1.0
	20±0.3	0.45	0.55	0.35	0.85	1.05	1.20	1.20	1.50	1.30	0.5
	30±0.3	1.10	0.70	0.35	1.30	1.05	1.20	1.15	1.30	1.25	0.5

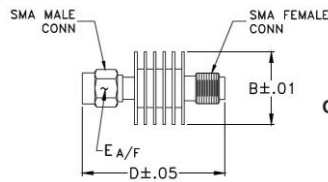
* Attenuation varies by 0.3 dB max. over temperature.

** Flatness= variation over band divided by 2.

PS : P/N : ATT-FSMA0XXM002

Ex. If you need 1 db attenuator that P/N is ATT-FSMA001M002

SMA Fixed Attenuator DC-6 GHz · 50Ω · 2Watt



Outline Dimensions (inch/mm)

B	D	E	wt
.74	1.43	.312	grams
18.80	36.32	7.92	11.4

Frequency (GHz)	Attenuation (dB) * & Flatness**					VSWR (:1)					Input Power (W) max.
	$f_L - f_U$	DC-3GHz	3-5GHz	5-6GHz	DC-6GHz	DC-3GHz		3-5GHz		5-6GHz	
	nom.	typ.	typ.	typ.	typ.	typ.	max.	typ.	max.	typ.	
DC-6	1±0.3	0.20	0.20	0.20	0.60	1.10	1.20	1.30	1.50	1.55	2.0
	2±0.3	0.20	0.20	0.25	0.65	1.10	1.20	1.30	1.50	1.50	2.0
	3±0.3	0.20	0.15	0.15	0.45	1.05	1.20	1.30	1.40	1.45	2.0
	4±0.3	0.20	0.15	0.20	0.55	1.05	1.20	1.30	1.45	1.50	2.0
	5±0.3	0.20	0.10	0.15	0.35	1.10	1.20	1.40	1.50	1.65	2.0
	6±0.3	0.20	0.10	0.20	0.45	1.10	1.20	1.30	1.45	1.50	2.0
	8±0.3	0.15	0.10	0.15	0.25	1.10	1.25	1.25	1.40	1.60	2.0
	10±0.3	0.10	0.20	0.15	0.35	1.15	1.25	1.30	1.60	1.60	2.0
	20±0.3	0.50	0.45	0.20	1.05	1.35	1.55	1.70	1.95	1.95	2.0
	30±0.3	1.70	0.45	0.20	1.30	1.25	1.35	1.45	1.70	1.60	2.0

* Attenuation varies by 0.3 dB max. over temperature.

** Flatness= variation over band divided by 2.

PS : P/N : ATT-FSMA0XXM003

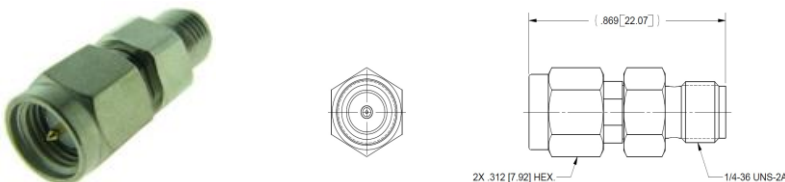
Ex. If you need 1 db attenuator that P/N: ATT-FSMA001M003

· SMA Fixed Attenuator DC-8 GHz、50Ω、1Watt



Part Number	Frequency (GHz)	Attenuation (dB)	VSWR (:1) max.	Input Power (W) max.
ATT-FSMA001T002	DC-8	01±0.5	1.3	1.0
ATT-FSMA002T002	DC-8	02±0.6	1.3	1.0
ATT-FSMA003T002	DC-8	03±0.6	1.3	1.0
ATT-FSMA005T002	DC-8	05±0.6	1.3	1.0
ATT-FSMA006T002	DC-8	06±0.6	1.3	1.0
ATT-FSMA010T002	DC-8	10±0.6	1.3	1.0
ATT-FSMA020T002	DC-8	20±0.8	1.3	1.0
ATT-FSMA030T002	DC-8	30±1.0	1.3	1.0
ATT-FSMA040T002	DC-8	40±1.2	1.3	1.0

· SMA Fixed Attenuator DC-18 GHz、50Ω、2Watt



Part Number	Frequency (GHz)	Attenuation (dB)	VSWR (:1) max.		
			DC-4 GHz	4-12.4 GHz	12.4-18 GHz
ATT-FSMA001S001~ ATT-FSMA005S001	DC-18	1~5 ±0.5	1.15:1	1.25:1	1.50:1
ATT-FSMA006S001~ ATT-FSMA012S001	DC-18	6~12 ±0.75	1.15:1	1.25:1	1.50:1
ATT-FSMA013S001~ ATT-FSMA020S001	DC-18	13~20 ±1	1.15:1	1.25:1	1.50:1