

Flange Mounted - Integrated Design

- DC - 18 GHz Performance
- Tab, Slot, or Rod Contact for Microstrip use
- Interchangeable Transition Contact Pins
- Reduces Package Size and Weight

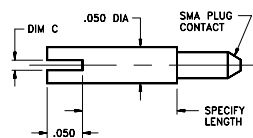
This series of SMA flange mounted Connector-Attenuators are ideally suited for use on microstrip packages where size and weight are a consideration. By combining the Attenuator and the launching Connector, space and weight as well as cost savings is accomplished. The resistive film circuit is designed to improve reliability and lower mismatch losses by eliminating the need for separate coaxial components. The units exhibit low VSWR and are ruggedly constructed of stainless steel and are temperature stabilized for use in hostile environments.

Model No.	Attenuation	VSWR	Fig.
ATT-0300--XX-SMA-02	01 - 06 ± 0.30 07 - 10 ± 0.50 11 - 20 ± 0.75	1.20 @ DC - 4 GHz 1.35 @ 4 - 12.4 GHz 1.50 @ 12.4 - 18 GHz	1
ATT-0310--XX-SMA-02	01 - 06 ± 0.30 * 07 - 10 ± 0.50 11 - 20 ± 0.75 21 - 30 ± 1.00	1.15 @ DC - 4 GHz 1.25 @ 4-12.4 GHz 1.50 @ 12.4 - 18 GHz	2
ATT-0311--XX-SMA-02	01 - 06 ± 0.30 * 07 - 10 ± 0.50 11 - 20 ± 0.75 21 - 30 ± 1.00	1.15 @ DC - 4 GHz 1.25 @ 4-12.4 GHz 1.50 @ 12.4 - 18 GHz	3
ATT-0312--XX-SMA-02	01 - 06 ± 0.30 * 07 - 10 ± 0.50 11 - 20 ± 0.75 21 - 30 ± 1.00	1.15 @ DC - 4 GHz 1.25 @ 4-12.4 GHz 1.50 @ 12.4 - 18 GHz	4
ATT-0314--XX-SMA-02	01 - 06 ± 0.30 * 07 - 10 ± 0.50 11 - 20 ± 0.75 21 - 30 ± 1.00	1.15 @ DC - 4 GHz 1.25 @ 4-12.4 GHz 1.50 @ 12.4 - 18 GHz	5

Note: When ordering, replace "XX" in Model No. with desired Attenuation Value. Interchangeable center pin must be ordered separately, see Part No's below.

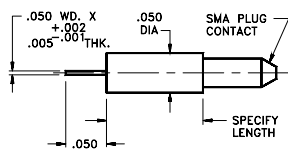
* From 12.4 to 18 GHz, Attenuation accuracy is ± 0.40 dB

Interchangeable Pin Configurations

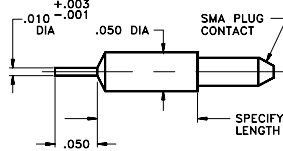


Part No. **PPM-0020-CC-YYY-01**

"CC"	DIM "C" $\pm .002$
-01	0.012
-02	0.018
-03	0.028
-04	0.036



Part No. **PPM-0030-05-YYY-01**



Part No. **PPM-0040-06-YYY-01**

Notes:

1. Select desired length of interchangeable center pins in accordance with package requirements and substitute the three digit decimal length for "YYY" in the Part No.
2. All Attenuator Models are rated at 2 Watts Average and 200 Watts Peak.
3. Finish : Housings are Passivated Stainless Steel, Center Pins are gold plated.

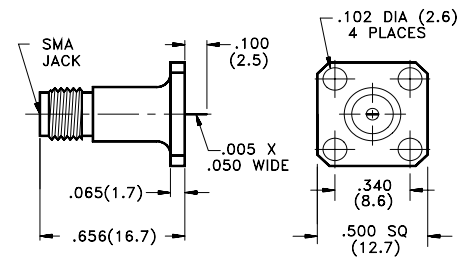


Figure 1 - non- removeable tab contact

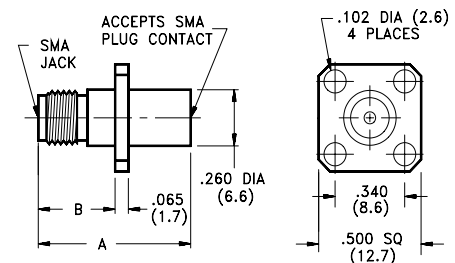


Figure 2

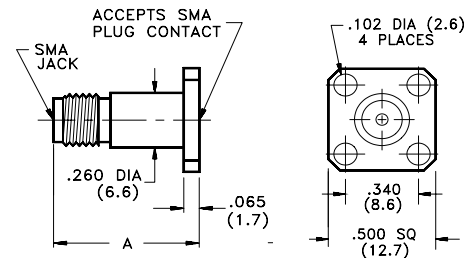


Figure 3

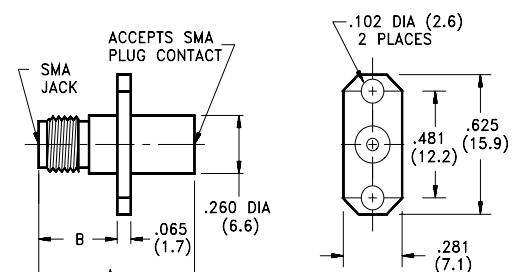


Figure 4

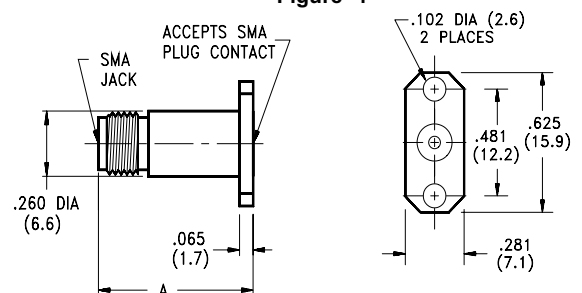
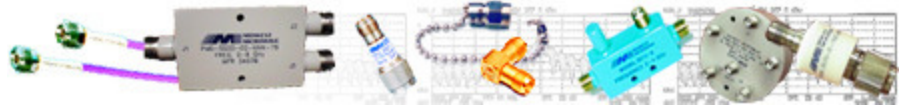


Figure 5

dB	DIM A	DIM B
1-12	.615 (15.6)	.375 (9.5)
13-30	.765 (19.4)	.525 (13.3)



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SKU Product Frequency Power Body Interface Gender dB

BNC Fixed Attenuators

ATT-0314-01-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	1	More Details
ATT-0314-02-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	2	More Details
ATT-0314-03-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	3	More Details
ATT-0314-04-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	4	More Details
ATT-0314-05-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	5	More Details
ATT-0314-06-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	6	More Details
ATT-0314-07-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	7	More Details
ATT-0314-08-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	8	More Details
ATT-0314-09-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	9	More Details
ATT-0314-10-	Attenuator	2	2	STD	BNC/BNC	M/F	10	More Details

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BNC-10									
ATT-0314-11-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	11	More Details	
ATT-0314-12-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	12	More Details	
ATT-0314-13-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	13	More Details	
ATT-0314-14-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	14	More Details	
ATT-0314-15-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	15	More Details	
ATT-0314-16-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	16	More Details	
ATT-0314-17-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	17	More Details	
ATT-0314-18-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	18	More Details	
ATT-0314-19-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	19	More Details	
ATT-0314-20-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	20	More Details	
ATT-0314-21-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	21	More Details	
ATT-0314-22-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	22	More Details	

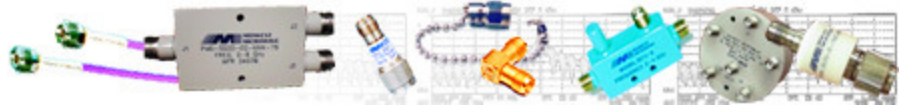
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ATT-0314-24-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	24	More Details
ATT-0314-25-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	25	More Details
ATT-0314-26-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	26	More Details
ATT-0314-27-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	27	More Details
ATT-0314-28-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	28	More Details
ATT-0314-29-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	29	More Details
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ATT-0314-33-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	33	More Details
ATT-0314-34-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	34	More Details
ATT-0314-								

35- BNC- 10	Attenuator	2	2	STD	BNC/BNC	M/F	35	More Details
ATT- 0314- 36- BNC- 10	Attenuator	2	2	STD	BNC/BNC	M/F	36	More Details
ATT- 0314- 37- BNC- 10	Attenuator	2	2	STD	BNC/BNC	M/F	37	More Details
ATT- 0314- 38- BNC- 10	Attenuator	2	2	STD	BNC/BNC	M/F	38	More Details
ATT- 0314- 39- BNC- 10	Attenuator	2	2	STD	BNC/BNC	M/F	39	More Details
ATT- 0314- 40- BNC- 10	Attenuator	2	2	STD	BNC/BNC	M/F	40	More Details
ATT- 0314- 41- BNC- 10	Attenuator	2	2	STD	BNC/BNC	M/F	41	More Details
ATT- 0314- 42- BNC- 10	Attenuator	2	2	STD	BNC/BNC	M/F	42	More Details
ATT- 0314- 43- BNC- 10	Attenuator	2	2	STD	BNC/BNC	M/F	43	More Details
ATT- 0314- 44- BNC- 10	Attenuator	2	2	STD	BNC/BNC	M/F	44	More Details
ATT- 0314- 45- BNC- 10	Attenuator	2	2	STD	BNC/BNC	M/F	45	More Details
ATT- 0314- 46- BNC- 10	Attenuator	2	2	STD	BNC/BNC	M/F	46	More Details
ATT- 0314- 47- BNC-	Attenuator	2	2	STD	BNC/BNC	M/F	47	More Details

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ATT-0314-48-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	48	More Details	
ATT-0314-49-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	49	More Details	
ATT-0314-50-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	50	More Details	

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ATT-0314-52-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	52	More Details
ATT-0314-53-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	53	More Details
ATT-0314-54-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	54	More Details
ATT-0314-55-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	55	More Details
ATT-0314-56-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	56	More Details
ATT-0314-57-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	57	More Details
ATT-0314-58-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	58	More Details
ATT-0314-59-BNC-10	Attenuator	2	2	STD	BNC/BNC	M/F	59	More Details
ATT-0314-60-	Attenuator	2	2	STD	BNC/BNC	M/F	60	More Details

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Flange Mounted Integrated SMA Fixed Attenuators

ATT-
0314-
01-
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02Attenuator 18 2 FLG SMA/SMA F/X 1 [More Details](#)ATT-
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02Attenuator 18 2 FLG SMA/SMA F/X 3 [More Details](#)ATT-
0314-
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02Attenuator 18 2 FLG SMA/SMA F/X 4 [More Details](#)ATT-
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0314-
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0314-
12-Attenuator 18 2 FLG SMA/SMA F/X 12 [More Details](#)

SMA-02									
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ATT-0314-14-SMA-02	Attenuator	18	2	FLG	SMA/SMA	F/X	14	More Details	
ATT-0314-15-SMA-02	Attenuator	18	2	FLG	SMA/SMA	F/X	15	More Details	
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