

## Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)  
[ATT-290F-09-SMA-02](#)

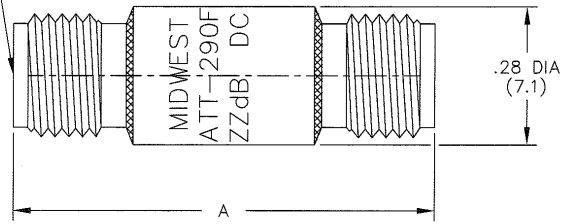
For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

- NOTES:
- 1.0 ELECTRICAL SPECIFICATIONS:
    - 1.1 FREQUENCY RANGE: DC to 18 GHz
    - 1.2 ATTENUATION VALUES: 0 THRU 40dB  
IN 1dB INCREMENTS (SEE TABLE)
    - 1.3 ATTENUATION ACCURACY:
 

0dB	+0.3dB
	-0.0dB
1 - 6dB	±0.3dB
7 - 20dB	±0.5dB
21 - 30dB	±1.0dB
31 - 40dB	±1.5dB
    - 1.4 MAXIMUM VSWR: 1.07 + 0.015 f GHz
    - 1.5 MAXIMUM INPUT POWER: 2 WATTS AVG  
AT +25°C DERATED LINEARLY TO  
0.5 WATTS AT +125°C
    - 1.6 OPERATING TEMP. RANGE: -65°C to +125°C
  - 2.0 MARKING:
    - 2.1 MARK UNIT AS SHOWN  
(REF.: INK-03830-27-XX)
  - 3.0 DIMENSIONS IN PARENTHESIS ARE IN  
MILLIMETERS,

SMA FEMALE CONN.  
 PER MIL-PRF-39012  
 TYP (BOTH ENDS)



ATTENUATION VALUE	DIM A
0-12 dB	.90(22.9)
13-30 dB	1.02(26.2)
31-40 dB	1.14(28.9)

DWG. # WAS: 02334-01-00

REV.	DESCRIPTION	DATE
-	RELEASED	6/12/91
A	ECR 5605	9/29/97
B	ECR 6543	6/29/99
C	ECN 10578	9/4/91
C1	UPDATE MODEL NO.	9/29/92
C2	ADDDED TITLERLOCK	3/23/05
D	ECN 20826	9/12/05
E	ECN 20960	7/26/06

UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:  3 PLACE DECIMALS ±.005 2 PLACE DECIMALS ±.02 FRACTIONS ±1/64 PARALLELITY: T.I.R. _____ FLATNESS: T.I.R. _____ CONCENTRICITY: T.I.R. _____ ANGLES AND PERPENDICULARITY: ±1'	FSCM NO. <b>34078</b>	<b>MIDWEST MICROWAVE</b>
	NOTICE: The information contained in this drawing is proprietary and must not be used without the permission of Midwest Microwave	
TITLE ATTENUATOR		DRAWING NUMBER ATT-290F-XX-SMA-02
DSNM/DATE C.RICKARD 6/4/91		ENG./DATE G.KOZAK 6/12/91
CHECKED/DATE A.BEATTY 6/12/91		APPROVED/DATE 
SCALE: 5=1		SHEET 1 of 1