

## Excellent Integrated System Limited

Stocking Distributor

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[Cinch Connectivity Solutions](#)  
[ATT-290F-30-SMA-02](#)

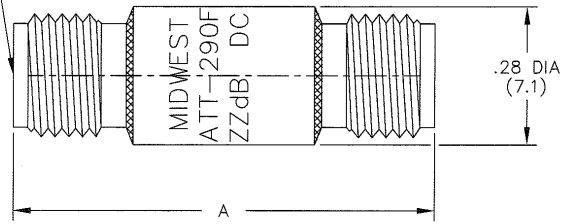
For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



MODEL NUMBER  
 ATT-290F-XX-SMA-02  
 REV:  
 E

- 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	ADDED 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	
DRIVING DATE G. RICKARD 6/4/91	ENG. DATE G. KOZAK 6/12/91	DRAWING NUMBER ATT-290F-XX-SMA-02	
CHECKED DATE A. BEATTY 6/12/91	APPROVED DATE	SCALE: 5=1	SHEET 1 of 1