

PERFORMANCE SPECIFICATIONS:

FREQUENCY RANGE: DC - 40 GHz
 STANDARD dB VALUES: 3, 6, 10, 20, 30 dB

ACCURACY OF ATTENUATION:

DC-26.5 GHz
 0, 3, & 6dB ±0.5 dB
 10 & 20dB ±0.6 dB
 30dB ±0.8 dB
26.5-40.0 GHz
 0, 3, & 6dB ±0.8 dB
 10 & 20dB ±1.0 dB
 30dB ±1.0 dB

VSWR:

DC - 18 GHz 1.30:1 MAX.
 18 -40 GHz 1.40:1 MAX.

INPUT POWER: 2 WATTS AVG. AT 25°C DERATED
 to 26.5GHz: LINEARLY TO 0.5W @ +125°C

26.5 to 40.0GHz: 1 WATT AVG. AT 25°C DERATED
 LINEARLY TO 0.5W @ +125°C

PEAK POWER: 100 WATTS MAX. (5μSEC PULSE,
 .05% DUTY CYCLE)

IMPEDANCE: 50 OHMS
 OPERATING TEMP. RANGE: -65°C TO +125°C
 RF LEAKAGE: 90dB MIN.

MATERIALS: PASSIVATED STAINLESS STEEL
 2.9mm CONNECTORS: Au PLATED BERYLLIUM COPPER
 CONDUCTORS:

PHYSICAL SPECIFICATIONS:

MODEL	dB VALUE	DIMENSION A (LENGTH)
26.5GHz	0-12dB	.88 ±.05 [22.4 ±1.3]
	13-30dB	1.01 ±.05 [25.7 ±1.3]
40.0GHz	0-30dB	.88 ±.05 [22.4 ±1.3]

NOTE: DIMENSIONS IN BRACKETS DENOTE MILLIMETERS.

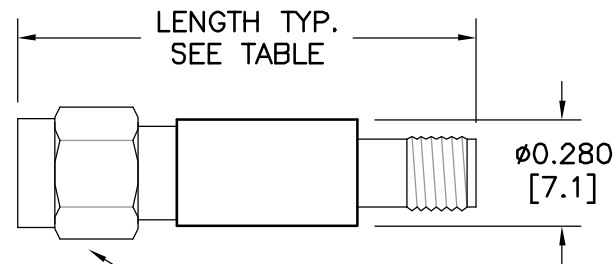
ORDERING INFORMATION:

FREQ. RANGE MODEL NO.
 DC-26.5 GHz 2108
 DC-40.0 GHz 2109

WHEN ORDERING, INSERT THE DESIRED FREQ. RANGE, & dB VALUE INTO THE MODEL NUMBER:

EX. MOD.# 2108-6 = DC-26.5GHz - 6dB ATTENUATOR.

THE ABOVE NOTED dB VALUES, AND FREQ. RANGES ARE STD. MODELS ONLY. UNITS WITH SPECIAL CONNECTORS, FREQ. RANGES, AND dB VALUES ARE AVAILABLE ON SPECIAL ORDER.



2.9mm CONNECTORS
 PER MIL-C-39012 TYP.

MATERIAL	SEE NOTES	TREATMENT -	DRAWN R. LYNCH	DATE 4/2/04	
FINISH -		MOD NO. 2108/2109	CHECKED	DATE	
OUTLINE, COAXIAL FIXED ATTENUATORS, 1 & 2 WATT, DC - 40.0 GHz			APPROVED	DATE	
			CAGE CODE: ORBN4	DO NOT SCALE DWG	
ADVANCED TECHNICAL MATERIALS, INC. 49 RIDER AVE., PATCHOGUE N.Y. 11772 TEL: (631) 289-0386 FAX: (631) 289-0358 http://www.atmmicrowave.com		UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES TOLERANCES ARE:	FRACTIONS ±1/64	DECIMALS ±.01 ±.005	ANGLES ±1/2°
PROPRIETARY NOTICE: THE INFORMATION IN THIS DRAWING IS PROPRIETARY AND SHALL NOT BE USED OR DISCLOSED WITHOUT THE PRIOR WRITTEN CONSENT OF ATM, INC.		SCALE 2 : 1	DWG. NO. 3807W	SHEET. 1/1 REV. -	