

**PERFORMANCE SPECIFICATIONS:**

FREQUENCY RANGE: DC - 18 GHz  
 STANDARD VALUES: 3, 6, 10, 20, 30 dB  
 AVAILABLE VALUES: 0 - 60 dB  
 ACCURACY OF ATTENUATION:  
 0 - 6dB ±0.3 dB  
 7 - 20dB ±0.5 dB  
 21 - 30dB ±0.75 dB  
 31 - 60dB ±1.50 dB  
 VSWR:  
 DC - 8 GHz 1.15:1 MAX.  
 8 - 12.4 GHz 1.25:1 MAX.  
 12.4 - 18 GHz 1.30:1 MAX.

INPUT POWER: 2 WATTS AVERAGE AT 25°C  
 DERATED LINEARLY TO 0.5W  
 AT 125°C  
 PEAK POWER: 250 WATTS MAX. (5µSEC PULSE,  
 .05% DUTY CYCLE)

IMPEDANCE: 50 OHMS  
 OPERATING TEMP. RANGE: -65°C TO +125°C  
 MATERIALS:  
 CONNECTORS: NICKEL PLATED BRASS  
 CONDUCTORS: Au PLATED BERYLLIUM COPPER

NOTE: DIMENSIONS IN BRACKETS DENOTE MILLIMETERS.

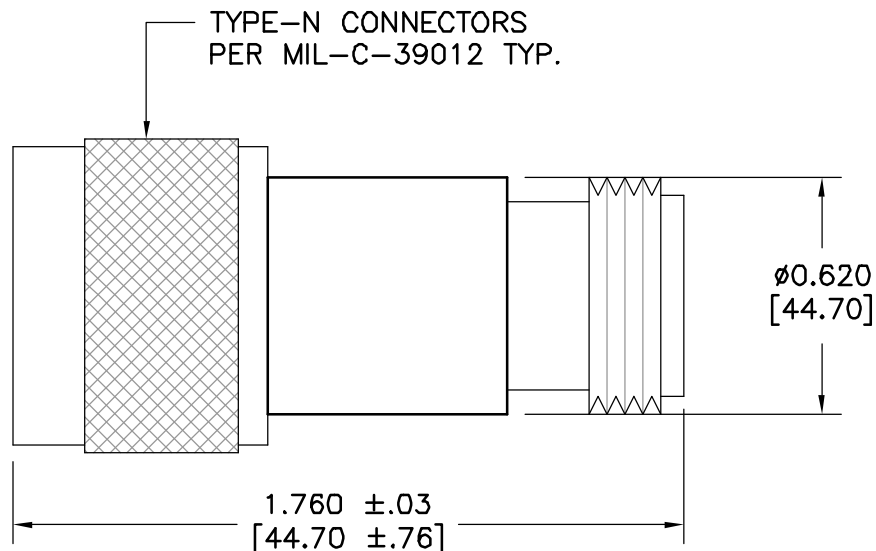
**ORDERING INFORMATION:**

FREQ. RANGE MODEL NO.  
 DC-8.0 GHz 2205  
 DC-12.4 GHz 2206  
 DC-18.0 GHz 2207

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

EX. MOD.# 2206-6 = DC-12.4GHz - 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.



MATERIAL -	TREATMENT -	DRAWN R. LYNCH	DATE 01/30/03
FINISH -	MOD NO. 220X-XX	CHECKED	DATE
OUTLINE, COAXIAL FIXED ATTENUATORS, 2 WATT, (TYPE-N), DC - 18.0 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 ANGLES ±1/2° SHEET. 1/1
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. 3533W	REV. A