

# ELECTRICAL SPECIFICATIONS

FREQUENCY: Hz - 4.0 GHz  
 IMPEDANCE (NOM): 50 Ohms  
 POWER (AVG): 2 WATTS @ +25°C  
 DERATES LINEARLY TO  
 0.75 WATTS @ +85°C  
 POWER (PEAK): 1kW  
 (1 μSEC PULSE, 0.5% DUTY CYCLE)

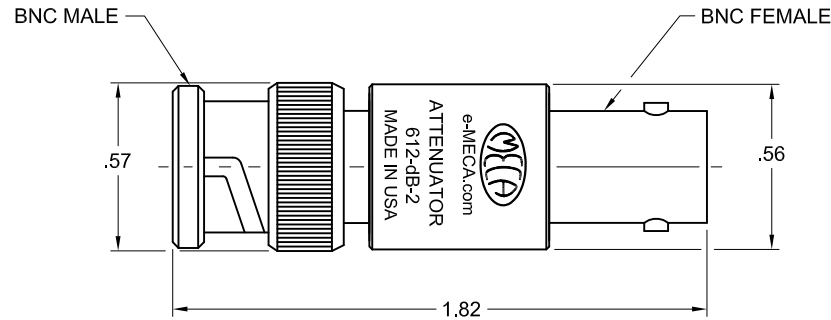
ATTENUATION (dB)	ATTENUATION ACCURACY (dB)*		VSWR (MAX)	
	Hz - 2.0 GHz	2.0 - 4.0 GHz	Hz - 2.0 GHz	2.0 - 4.0 GHz
3, 6, 10**	± 0.75	± 1.25	1.25:1	1.45:1
20 - 32**	± 1.25	± 1.50	1.25:1	1.45:1

\* INCLUDES ALL VARIATIONS (I.E. FREQUENCY SENSITIVITY, TEMPERATURE, ETC.)


\*\* ALL OTHER VALUES FROM 1 - 19 db FOLLOW 20 - 32 dB SPECIFICATIONS

# MECHANICAL SPECIFICATIONS

CONNECTORS: BRASS, ALBALOY  
 CONTACT PINS:  
 BNC MALE: BRASS, GOLD PLATE  
 BNC FEMALE: BERYLLIUM COPPER, GOLD PLATE  
 HOUSING: BRASS, ALBALOY  
 INSULATORS: PTFE, VIRGIN ELECTRICAL GRADE  
 OPERATING TEMP: -55°C TO +85°C  
 WEIGHT: 0.9 oz.



*NOTE: All attenuation values from 1-32 dB are available in 1 dB increments. To specify Part Number, insert nominal attenuation value in place of dB. Example: 612-10-2 for 10 dB.*

F	SEE DCN #110801	08/03/11	M.OC.	EB	MATERIAL: SEE ABOVE	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	 <b>ELECTRONICS, INC.</b> DENVER, NEW JERSEY e-MECA.com				
E	SEE DCN #100622-2	06/23/10	DB	RR				FINISH: SEE ABOVE	TOLERANCES 2 PLACES: ±.02 3 PLACES: N/A ANGLES: N/A	TITLE ATTENUATOR, COAXIAL, FIXED, 50 OHMS, 2 WATTS, BNC MALE/FEMALE	
D	SEE DCN #100115-4	01/20/10	RP	RR	DRAWN: NL	DATE: 01/20/06	TIR: N/A				
C	SEE DCN #080102-2	01/02/08	NL	RR	APPROVED: JL	DATE: 01/20/06	SCALE: NTS	SIZE <b>A</b>	CODE IDENT. NO. 22424	DRAWING NO. 612-dB-2	REV <b>F</b>
LTR	PG	DESCRIPTION	DATE	DR	APP		SHEET: 1 OF 1				