

**PROPRIETARY NOTICE**  
 THE INFORMATION CONTAINED  
 IN THIS DRAWING IS PROPRIETARY  
 AND SHALL NOT BE USED OR  
 DISCLOSED WITHOUT THE PRIOR  
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 CORPORATION

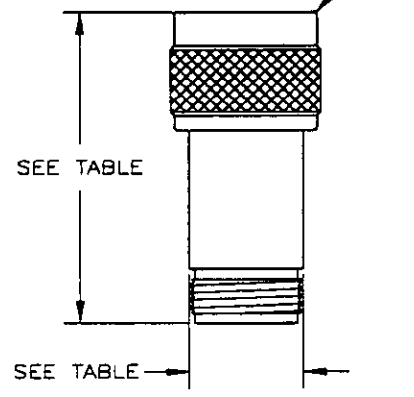
LTR	DESCRIPTION	DATE	APPROVED
A	95 RELEASE	11AUG94	

**SPECIFICATIONS:**

**LOW FREQUENCY TYPE N ATTENUATORS**

FREQUENCY RANGE \_\_\_\_\_ DC TO 2GHz  
 AVAILABLE VALUES \_\_\_\_\_ 0 THROUGH 60dB  
 ACCURACY OF ATTENUATION:  
 0 THROUGH 6dB \_\_\_\_\_ ±0.3dB MAXIMUM  
 7 THROUGH 20dB \_\_\_\_\_ ±0.5dB MAXIMUM  
 21 THROUGH 30dB \_\_\_\_\_ ±0.75dB MAXIMUM  
 31 THROUGH 60dB \_\_\_\_\_ ±1.5dB MAXIMUM  
 VSWR:  
 DC TO 2GHz \_\_\_\_\_ 1.25:1 MAXIMUM  
 INPUT POWER \_\_\_\_\_ 2 WATTS AVERAGE AT 25°C  
 DERATED LINEARLY TO  
 0.5 WATTS AT 125°C  
 PEAK POWER \_\_\_\_\_ 250 WATTS MAXIMUM  
 (5uSEC 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

TYPE N CONNECTORS  
 PER MIL-C-39012  
 TYPICAL



MODEL 9070 SHOWN

**ORDERING INFORMATION:**

WHEN ORDERING, INSERT THE  
 DESIRED dB VALUE FOLLOWING  
 THE MODEL NUMBER WHICH  
 PROVIDES THE APPROPRIATE  
 CONNECTOR CONFIGURATION.

**EXAMPLES:**

- MODEL 9070-12 = TYPE N M/F, DC TO 2GHz, 12dB
- MODEL 9071-6 = TYPE N M/M, DC TO 2GHz, 6dB
- MODEL 9072-3 = TYPE N F/F, DC TO 2GHz, 3dB

NOTE: DIMENSIONS IN BRACKETS ARE EXPRESSED IN MILLIMETERS AND ARE FOR REFERENCE ONLY.

**PACKAGE DESCRIPTION TABLE**

CONNECTOR CONFIGURATION	MODEL NUMBERS	DIAMETERS	OVERALL LENGTH (0-60dB)
MALE/FEMALE	9070	ø.62 [15.75]	2.5 [63.5] MAXIMUM
MALE/MALE	9071	ø.56 [14.22]	
FEMALE/FEMALE	9072	ø.56 [14.22]	

REV. STATUS OF SHEETS	REV.	A																	
	SHT.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES		CONTRACT NO.			300 DINO DRIVE ANN ARBOR, MI 48103 TELEPHONE (313) 426-5553 FACSIMILE (313) 426-5557	
DECIMAL .XX ± .01	ANGULAR ± .XXX ± .005	DO NOT SCALE DRAWING	DRAWN Ed McCabe		DATE 10AUG94	TITLE: OUTLINE DRAWING; ATTENUATORS, COAXIAL, FIXED, TYPE N CONNECTORS, DC TO 2GHz, 0 THROUGH 60dB, LOW FREQUENCY TYPE N SERIES
MATERIAL:	DESIGN	DESIGN ACTMTY	SIZE A	FSCM NO. 64671	DWG. NO. 401-1750	
SIMILAR TO	WEIGHT (gr)	CUSTOMER	SCALE NONE	RELEASE DATE	SHEET 1 OF 1	