

Precision Wireless POWERED BY **Omni Spectra®**

外来文件受控章

REVISIONS				
REV	DESCRIPTION	ECO #	DATE	APPROVED
B1	TITLE BLOCK UPDATED	13-125	6/12/13	T.KUHN
C	UPDATE FORMAT; ADDED DATE CODE	15-161	6/8/15	T.KUHN
D	REMOVED 6-12.4GHz VSWR	15-235	7/29/15	T.KUHN

FREQUENCY RANGE _____ DC - 6GHz

ATTENUATION ACCURACY
0 - 6 dB _____ ± 0.30 dB
7 - 30 dB _____ ± 0.50 dB

VSWR
DC - 6 GHz _____ 1.15:1 MAX

INPUT POWER _____ 2 WATTS AVG. @ 25°C
DERATES LINEARLY TO 10% @ 125°C FROM 25°C

PEAK POWER _____ 500 WATTS
(5 μ Sec PULSE WIDTH, .05% DUTY CYCLE)

RF LEAKAGE _____ <90 dBc TYP.

IMPEDANCE _____ 50 OHMS

OPERATING TEMP RANGE _____ -65°C TO +125°C

Technical drawing of a 12dB coupler. The drawing shows a side view of the device with a threaded section on the right. Dimensions are indicated: a total length of 86 ± 0.5 and a distance of $[21.8 \pm 1.3]$ from the left face to the start of the thread. A note specifies $0 \text{ THRU } 12\text{dB}$. The part number is printed on the side: XMA 2082-6406-XX -LE YYWW.


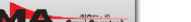
CONNECTOR BODIES	PASSIVATED STAINLESS STEEL
CENTER CONDUCTORS	GOLD PLATED BERYLLIUM COPPER
INSULATORS	PTFE (TEFLON) IAW ASTM-D1710
RESISTIVE ELEMENT	THIN FILM HYBRID ON 99.6% ALUMINA SUBSTRATE

1.02±0.05
 [25.9±1.3]
 13 THRU 40dB
 1 dB STEPS 13-25dB
 20 AND 30dB
 XMA
 2082-
 6406-XX
 -LE
 YYWW

XMA
2082-
6406-XX
-LE
YYWW

PART LOOKS LIKE PRODUCT IMAGE ABOVE.
PART MARKING ORIENTATION AND FORMAT AS SHOWN.
REPLACE dB WITH APPROPRIATE TWO DIGIT dB VALUE.
MARKING TO BE AS LARGE AS POSSIBLE, CLEAR, READABLE.
YYWW EQUALS DATE CODE.

QTY.	PART NUMBER	DESCRIPTION	ITEM NO.
X	2082-6406-dB-LE	ATTENUATOR, SMA-m/f, DC-6GHz, 2W, LE	
1	TA-2082-6406-dB-LEU	ASSY, ATTENUATOR, SMA-m/f, DC-6GHz, 2W, LE, (UNMARKED)	1

DRAWING PRACTICES PER ANSI Y-14.5 91-170-184 & 1202		UNMARKED	
DIMENSIONS ARE IN INCHES AND APPLY BEFORE AFTER PROCESSING SURFACE ROUGHNESS FINISH: $\sqrt{63}$ SEE NOTES MATERIAL NOTE: THIS DRAWING INCORPORATES THE LATEST PRODUCTION  INTERDOWNS PER ANSI Y-14.5, 1500		UNLESS OTHERWISE SPECIFIED TOLERANCES IN: DECIMALS INCH (MM) .X" .05" [1.27] .XX" .03" [.76] .XXX" .010" [.25] ANGLES .00"30" REMOVE ALL BURRS/SHARP W/ BREAK / R OF .003" TO .0005" UNLESS OTHERWISE NOTED DIA CONCENTRIC X .003 T.I.R. DO NOT SCALE PRINT	
DRAWN DATE McCORMICK 4/21/15 CHECKED DATE McCORMICK 4/21/15 ENG APPR DATE T. KUHN 4/21/15		 Phone: 603-222-2256 Fax: 603-222-2259 150 Dow Street, Manchester, NH 03101 TITLE ATTENUATOR, SMA-m/f, DC-6GHz, 2W, LE SIZE C CAGE CODE 3HT76 DRAWING NUMBER 2082-6406-DB-LE REV D	
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF XMA CORP. OR ONE OF ITS AFFILIATES. NO PARTS HEREIN SHALL BE REPRODUCED OR COPIED FOR USE IN WHOLE OR IN PART - AS A BASIS FOR THE MANUFACTURE OF A COPY OF OTHER ITEMS WITHOUT THE EXPRESS WRITTEN PERMISSION OF XMA CORP.		SCALE PLATED AREA 50 IN SHEET 1 OF 1	