

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China









Hybrid Couplers 3 dB, 90°

Applications

- Microstrip Circuits
- Dividers/Combiners
- Switch Networks
- **Balanced Detectors**
- Antenna Feeds

Features

В

- 0.225 0.4 GHz
- Welded Tab mount
- Reliable Performance
- Handles 250 Watts

Outline Drawing

(6.4)

ή

IN

00

Meets MIL-E-5400 Class 3 Requirements



NOTES: Anaren Power rating applies when solder tab/coupler interface has been conformally coated.

RFV

AA 110415

Electrical and Mechanical Specifications subject to change without notice.

4 2X MOUNTING EYELET Ø.093 – .105 THRU (2.4) (2.7) .220 FLANGE OD MAX (5.6)

4X . . 15 (3.8) MIN

SOL \oplus

(2.8)

.03 (.76) MAX EYELET PROJECTION BOTH SIDES

AC

AB 110524 D.ROSE 16-10-10 M. KUHNS

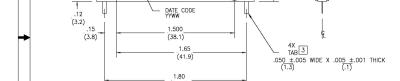
REVISIONS (A DENOTES CHANGE)

UPDATED BY

В

D.ROSE

DATE (YYMMDD)



∕Inaren

1|30260-3 |225-.400 GHz

DIMENSIONS ARE IN INCHES AND (MILLIMETERS)

2 MARKING: MARKING SHALL BE IN ACCORDANCE WITH

MIL-STD-130

3 FINISH: CHEMICAL CONVERSION COAT (CLEAR) PER AC 3 FINISH: MIL-DTL-5541, TYPE II, CLASS 1A.

4 SOLDER TAB:
4.1 MATERIAL: FLAT WIRE, COPPER-061PER ASTM-B-272
4.2 FINISH: GOLD PLATE PER MIL-G-45204, TYPE 3,
GRADE A, CLASS 1 OVER NICKEL SULFAMATE FLASH PER

QQ-N-290, CLASS 1. 5 WEIGHT: .18 OUNCES (5.1 GRAMS)

	ELECTRICAL SPECIFICATIONS
	FREQUENCY: .225400 GHz
AA	ISOLATION: 20.0 dB MINIMUM
	INSERTION LOSS: .30 dB MAXIMUM
	VSWR: 1.20:1.0 MAXIMUM
	AMPLITUDE BALANCE: +/50 dB MAXIMUM
	PHASE BALANCE: $+/-2.0$ DEGREES MAXIMUM
	AVG. CW POWER 250 WATTS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
-TOLERANCES-MIKE SHIDER ESIGNER N/A 3 PL DEC ±.010 2 PL DEC ±.02 ANGLES ± APPROVAL SIGNATURES ON FILE THIRD ANGLE PROJECTION CONTRACT NO. **(**

ANAREN MICROWAVE INC. EAST SYRACUSE, NEW YORK *A*naren COPULER, ULTRA MIN, 3dB 90° HYBRID 10955-G001

AC SHEET 1 OF 900

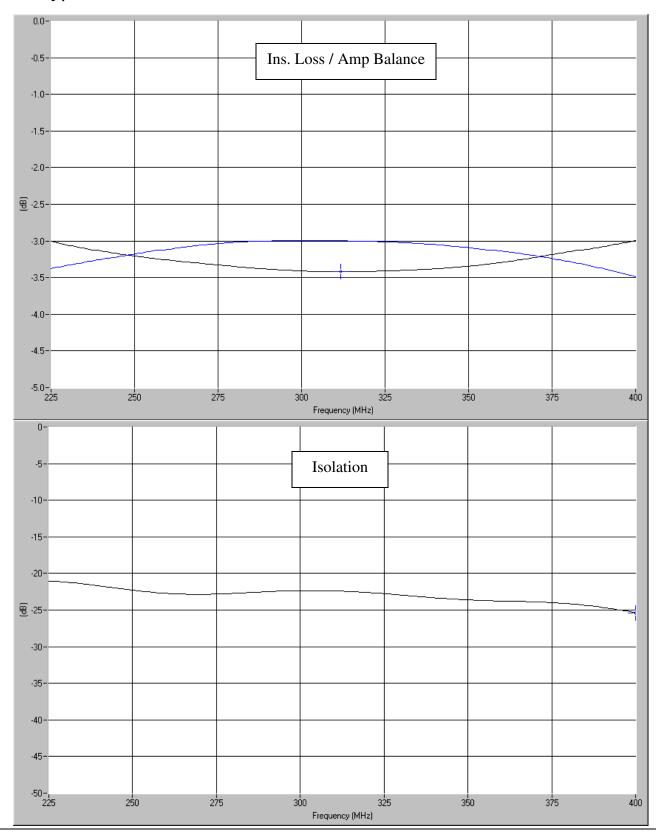


USA/Canada: (315) 432-8909 Toll Free: (800) 411-6596 +44 2392-232392 Europe:

Model 1B0260-3



Typical Test Data Plots



USA/Canada: (315) 432-8909 Toll Free: (800) 411-6596 Europe: +44 2392-232392

