

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Crane / Merrimac CR-10-50* at our website: *Click HERE*

COUPLERS

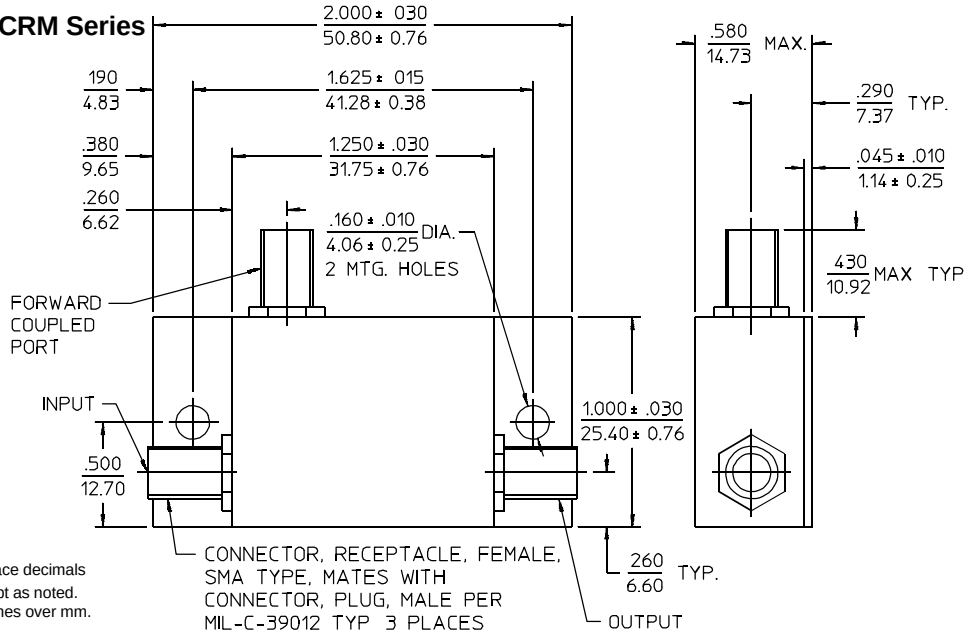
PRINCIPAL SPECIFICATIONS

Model Number, SMA	Model Number, BNC	Frequency Range, MHz	Operating Bandwidth, MHz	Coupling Tolerance, ¤ dB, Max.	Frequency Sensitivity, dB, Max.	Directivity, dB, Min.	Insertion Loss, dB, Max.*	VSWR, Main Arm	VSWR, Cpld. Arm
CRM-10-50	CR-10-50	2 - 100	2 - 100	10 ±1.0	± 0.5	30	0.5	1.3:1	1.3:1
CRM-10-500	CR-10-500	10 - 1000	10 - 50	10 ±1.0	± 0.5	20	1.0	1.5:1	1.5:1
			50 - 500	10 ±1.0	± 0.5	25	1.0	1.3:1	1.3:1
			500 - 1000	10 ±1.0	± 0.5	20	1.5	1.5:1	1.5:1
CRM-15-50	CR-15-50	2 - 100	2 - 100	15 ±1.0	± 0.5	30	0.5	1.3:1	1.3:1
CRM-15-500	CR-15-500	5 - 1000	5 - 100	15 ±1.0	± 0.5	20	0.5	1.3:1	1.3:1
			100 - 500	15 ±1.0	± 0.75	25	1.0	1.2:1	1.3:1
			500 - 1000	15 ±1.0	± 0.75	20	1.5	1.3:1	1.5:1
CRM-20-2.5	CR-20-2.5	0.1 - 5	0.1 - 5	20 ±1.0	± 0.5	30	0.5	1.3:1	1.3:1
CRM-20-50	CR-20-50	2 - 100	2 - 100	20 ±1.0	± 0.5	30	0.5	1.3:1	1.3:1
CRM-20-500	CR-20-500	10 - 1000	10 - 500	20 ±1.0	± 0.5	20	1.0	1.3:1	1.3:1
			500 - 1000	20 ±1.0	± 1.0	15	1.5	1.35:1	1.35:1

¤ Coupling is Referenced to the Input

* Insertion Loss excludes Coupling loss

Package Outline - CRM Series



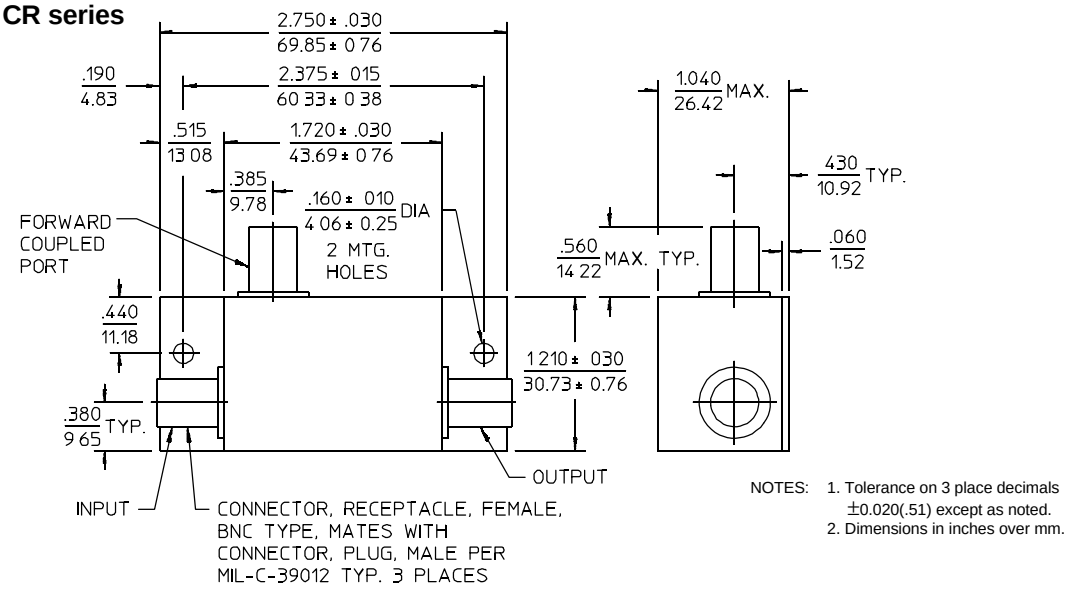
NOTES: 1. Tolerance on 3 place decimals ±0.020(.51) except as noted.
2. Dimensions in inches over mm.

29Feb96

For further information contact ***MERRIMAC / 41 Fairfield Pl., West Caldwell, NJ, 07006 / 973-575-1300 / FAX 973-575-0531***

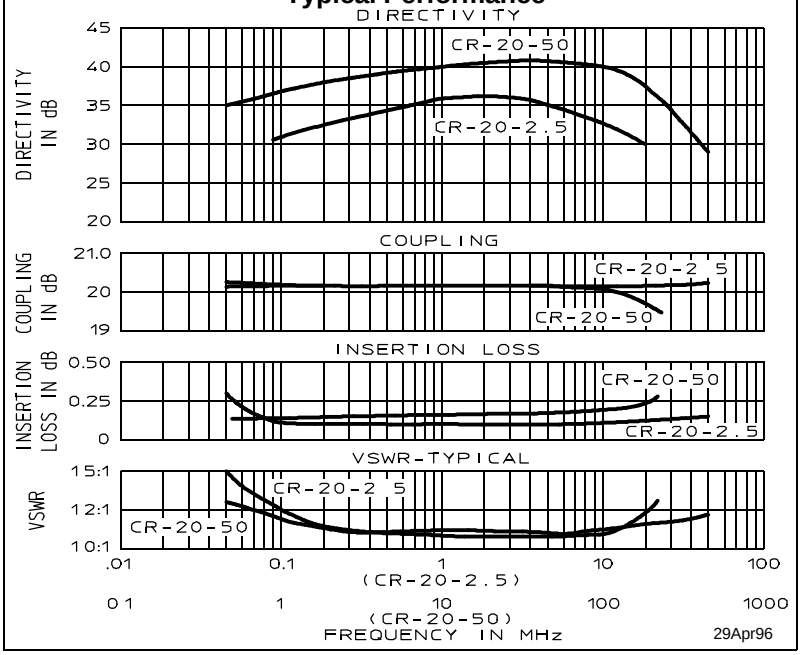
COUPLERS

Package Outline CR series



NOTES: 1. Tolerance on 3 place decimals ±0.020(.51) except as noted.
2. Dimensions in inches over mm.

Typical Performance



GENERAL SPECIFICATIONS

Impedance:		50 Ω nom.
CW Input:		5 Watts max.
Weight:	CR Series:	2 oz (56 g) nom.
	CRM Series:	1.5 oz (42 g) nom.
Operating Temperature:		– 55° to +85°C

General Notes:

1. Merrimac directional couplers are available in a variety of packages to suit most applications such as monitoring of incident and reflected power, signal sampling, control loops and test signal injection devices in BITE.

2. The CR/CRM series couplers may be custom ordered with coupling values up to 30 dB and over selected frequency bands up to 1.5 GHz.

3. All Merrimac couplers comply with MIL-C-15370 and can be supplied screened for compliance with additional specifications you designate for military and aerospace applications requiring higher reliability.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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