

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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1-18 GHz

Broadband High Directivity Couplers

- Broadband Frequency Coverage from 1 to 18 GHz in a Single Unit
- High Directivity
- Increased Dynamic Range
- Flat Frequency Response

Specifications

Type N and 7 mm, 1 to 18 GHz, 5 W

FREQUENCY RANGE (GHz)	MODEL	NOMINAL COUPLING* (dB)	DIRECTIVITY (dB min.)		VSWR		FREQUENCY SENSITIVITY (dB max.)		CONNECTORS		TRUE INSERTION LOSS (dB max.)	OPTIONS AVAILABLE	WEIGHT (max.)	
		1.5-18 GHz	1-8 GHz	8-18 GHz	PRIMARY LINE (max.)	SECONDARY LINE (max.)	1-1.5 GHz	1.5-18 GHz	PRIMARY LINE INPUT	PRIMARY LINE OUTPUT			oz.	gr.
1-18	**3292-1**	13 ±1	27	25	1.35	1.40	±2	±1.5	Type N Male	Type N Female	1.0	-02	12	340
	3292-2	13 ±1	27	25	1.35	1.40	±2	±1.5	Type N Female	Type N Male	1.0	-02	12	340
	5292	13 ±1	28	26	1.35	1.40	±2	±1.5	Precision 7 mm	Precision 7 mm	1.0	-01 -02	12	340

* Nominal Coupling is defined as average coupling over the designated frequency range

$$\left(\frac{C_{max.} + C_{min.}}{2} \right)$$

Refer to Typical Coupling Curve on page 100 for 1-1.5 GHz.

NOTES:

Standard Version (all models) has N Female, Coupled-Output Port.
All units are available on a Custom-Order basis. Minimum quantities may apply.

OPTIONS:

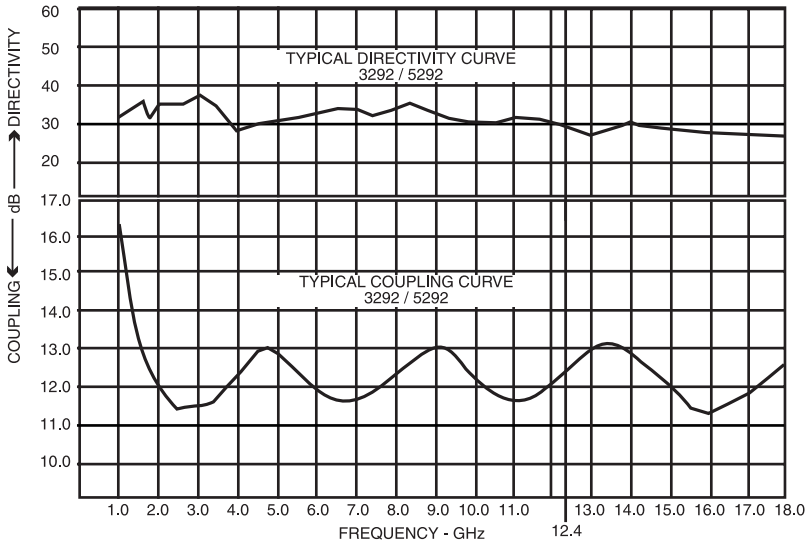
-01 Precision Stainless Steel Type N Female Connector on the secondary line (Example: 3292-1-01).
-02 Precision Stainless Steel SMA Female Connector on the secondary line (Example: 3292-1-02).

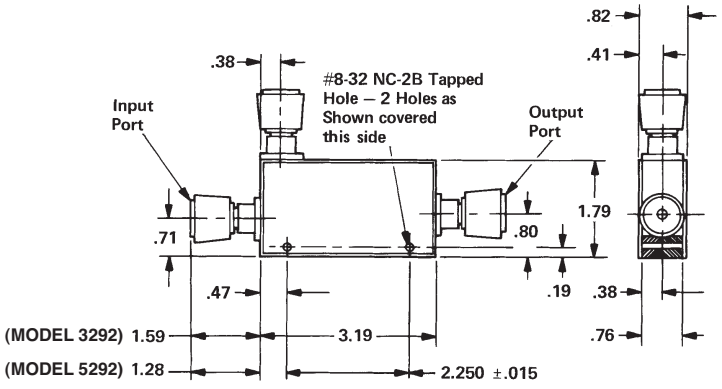
POWER RATING:

5 W average, 100 W peak

Couplers

Outline Drawings





MODELS 3292, 5292

Dimensions in inches, unless otherwise specified.

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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