

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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Visit our website - *Click HERE*

Millimeter Wave Couplers

1-40 GHz

Millimeter Wave Ultra-Broadband Directional Couplers

- Low Frequency Sensitivity
- High Directivity
- 2.92 mm Connectors



Applications

- EW Systems
- Radar
- Millimeter Wave Communications
- OEM Test Equipment

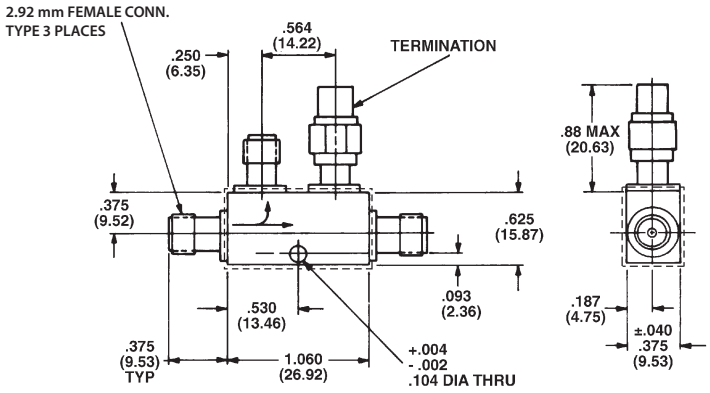
Specifications

2.92 mm (F), 1 to 40 GHz, 20 W

FREQUENCY RANGE (GHz)	MODEL	COUPLING (dB)	BAND SEGAMENTS (GHz)	DIRECTIVITY (dB)	INSERTION LOSS TRUE (dB)	VSWR		FREQUENCY SENSITIVITY (dB max.)	POWER		WEIGHT (max.)	
						PRIMARY LINE (max.)	SECONDARY LINE (max.)		AVG. (W)	PEAK (kW)	oz.	gr.
18-40	**4018-10**	10 ±1.25	18-40	12	2.0	1.9	1.9	±0.8	20	0.2	1	28
18-40	**4018-20**	20 ±1.25	18-40	12	1.45	1.9	1.9	±0.8	20	0.2	1	28
1-40	**4229-10**	10 ±1.50**	1-20	15	1.5	1.4	1.6	±1.0*	20	3	3.2	90
			20-26	13	2.0	1.6	1.7					
			26-40	12	2.4	1.7	1.75					

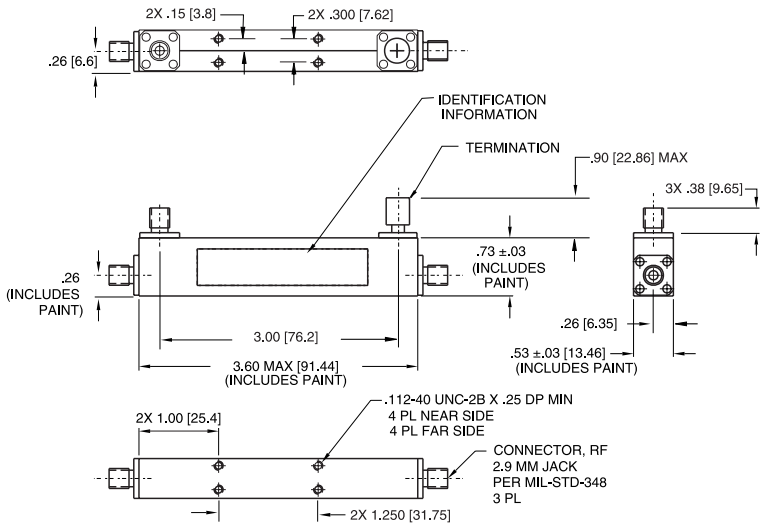
* Frequency Sensitivity included in coupling
** Referenced to output port

Outline Drawings



Dotted area represents .020 max. build-up of sealant per surface.

MODEL 4018



Allow .020 max. build-up of sealant per surface.

TOL:
XX ±.02[.51]
XXX ±.010 [.25]

MODEL 4229-10

Dimensions in inches (mm in parentheses), 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.

Learn more!

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

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We're here to make your life easier. How can we help you today?

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