

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

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *L-3 / Narda / Miteq 4226-10* at our website: *Click HERE*

Couplers

0.5-18 GHz

SMA and Type N Broadband Coaxial Directional Couplers



- Flat Frequency Response
- Small Size, Lightweight
- Very Low, Fine Grain Ripple
- Designed for MIL Environments

Specifications

Type N (F) and SMA (F), 1 to 12.4 GHz, 20 W

FREQUENCY RANGE (GHz)	MODEL	CONNECTOR	NOMINAL COUPLING** (dB)	DIRECTIVITY (dB)		INSERTION LOSS (dB)		VSWR		FREQUENCY SENSITIVITY* (dB)	MAXIMUM DEVIATION FROM NOMINAL (dB)	POWER		WEIGHT (max.)	
				1-8	8-12.4	EXCLUDING COUPLED POWER	TRUE (max.)	PRIMARY LINE (max.)	SECONDARY LINE (max.)			AVERAGE (W)	PEAK (kW)	oz.	gr.
1-12.4	**4202B-6**	SMA	6	15	12	0.70	2.35	1.35	1.50	±0.5	±1.0	20	3	2.8	80
	4202B-10	SMA	10	15	12	0.70	1.30	1.35	1.50	±0.5	±1.5	20	3	2.7	77
	4202B-20	SMA	20	15	15	0.70	0.75	1.35	1.50	±0.5	±1.5	20	3	2.7	77
	3202B-10	N	10	15	12	0.70	1.30	1.45	1.50	±0.5	±1.5	20	3	4.5	128
	3202B-20	N	20	15	15	1.00	1.05	1.45	1.50	±0.5	±1.5	20	3	4.5	128

Type N (F) and SMA (F), 2 to 18 GHz, 20 W

FREQUENCY RANGE (GHz)	MODEL	CONNECTOR	NOMINAL COUPLING** (dB)	DIRECTIVITY (dB)		INSERTION LOSS (dB)		VSWR		FREQUENCY SENSITIVITY* (dB)	MAXIMUM DEVIATION FROM NOMINAL (dB)	POWER		WEIGHT (max.)	
				2-12.4	12.4-18	EXCLUDING COUPLED POWER	TRUE (max.)	PRIMARY LINE (max.)	SECONDARY LINE (max.)			AVERAGE (W)	PEAK (kW)	oz.	gr.
2-18	**4203-6**	SMA	6	15	12	0.90	2.00	1.40	1.40	±0.5	±1.0	20	3	2.0	59
	4203-10	SMA	10	15	12	0.90	1.40	1.35	1.50	±0.5	±1.0	20	3	2.2	65
	4203-16	SMA	16	15	12	0.65	0.80	1.35	1.40	±0.5	±1.0	20	3	1.8	51
	3203-16	N	16	15	12	0.85	1.00	1.40	1.40	±0.5	±1.0	20	3	3.4	96

Type N (F) and SMA (F), 1 to 18 GHz, 20 W

FREQUENCY RANGE (GHz)	MODEL	CONNECTOR	NOMINAL COUPLING** (dB)	DIRECTIVITY (dB)		INSERTION LOSS (dB)		VSWR		FREQUENCY SENSITIVITY* (dB)	MAXIMUM DEVIATION FROM NOMINAL (dB)	POWER		WEIGHT (max.)	
				1-12.4	12.4-18	EXCLUDING COUPLED POWER	TRUE (max.)	PRIMARY LINE (max.)	SECONDARY LINE (max.)			AVERAGE (W)	PEAK (kW)	oz.	gr.
1-18	**4222-16**	SMA	16	15	12	0.80	0.90	1.40	1.50	±0.5	±1.0	20	3	2.5	74
	3222-16	N	16	15	12	1.15	1.25	1.40	1.50	±0.5	±1.0	20	3	4.3	122

* Frequency sensitivity is included in coupling variation
** Coupling is referenced to the output port

narda microwave-east an L3 company
www.nardamicrowave.com E-MAIL: nardaeast@L-3com.com TEL: +1 631 231-1700

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

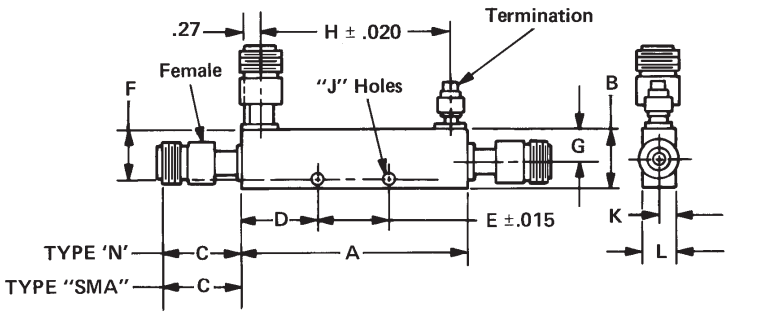
SMA (F), 0.5 to 18 GHz, 20 W

FREQUENCY RANGE (GHz)	MODEL	CONNECTOR	NOMINAL COUPLING* (dB)	DIRECTIVITY (dB)		INSERTION LOSS TRUE (dB max.)	VSWR		FREQUENCY SENSITIVITY (dB)	MAXIMUM DEVIATION FROM NOMINAL (dB)	POWER		WEIGHT (max.)	
				0.5-12.4	12.4-18		PRIMARY LINE (max.)	SECONDARY LINE (max.)			AVERAGE (W)	PEAK (kW)	oz.	gr.
0.5-18	**4226-10**	SMA	10	15	12	1.50	1.50	1.50	± 1.1	±1.0	20	3	3.9	110
	4226-20	SMA	20	15	12	0.90	1.50	1.50	± 1.1	±1.0	20	3	3.9	110

* 4226 Series coupling is average

$\left(\frac{C_{max.} + C_{min.}}{2} \right)$ and is referenced to the output port

Outline Drawing



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

MODEL	A	B	C	D	E	F	G	H	K	L	"J" HOLES
3202B-10	3.24	.88	1.10	1.12	1.000	.71	.48	2.717	.28	.57	.104 +.004/-.002
4202B-6, -10	3.24	.88	.38	1.12	1.000	.71	.48	2.717	.28	.57	
3202B-20	3.48	.73	1.10	.58	2.319	.62	.44	2.943	.28	.57	
4202B-20	3.48	.73	.38	.58	2.319	.62	.44	2.943	.28	.57	
3203-16	2.12	.73	1.26	.58	.958	.36	.43	1.580	.28	.56	2-56 NC-2B Tapped Holes 1/8 DP Both Sides
4203-16	2.12	.73	.38	.58	.958	.36	.43	1.580	.28	.56	
3222-16	3.53	.75	1.18	.77	2.000	.38	.44	2.969	.27	.54	4-40 NC-2B Tapped Holes 1/8 DP Both Sides
4222-16	3.53	.75	.38	.77	2.000	.38	.44	2.969	.27	.54	
4203-6, -10	2.16	.89	.38	.52	1.125	.44	.50	1.620	.28	.56	
4226-10, -20	4.40	.77	.38	.77	2.906	.39	.50	3.900	.28	.57	

Dimensions in inches, unless otherwise specified.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

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

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

ARTISAN® TECHNOLOGY GROUP