

Power Dividers

50 Years of
Excellence

Economical

Wireless Band Power
Combiners / Dividers

- Wireless Communications PCS and Cellular Coverage
- Broadband – 800 to 2500 MHz
- Complete Series – 2-Way thru 16-Way Models
- High Isolation ≥ 20 dB, Typical ≥ 26 dB Isolation
- Excellent Phase and Amplitude Balance

**IN STOCK NOW**

Description

For commercial applications that do not require the stringent environmental performance of our heritage power divider products, Narda has a low cost line that delivers outstanding RF performance at pricing that is commensurate with commercial communication requirements.

Featured are tri-band devices (2, 3, 4, and 6-way divider/combiners) with SMA Female or N Female connectors covering the frequency range of 0.8 to 2.5 GHz. Each unit is typically usable 200-300 MHz above and below the

specified band edges with minimal performance degradation. In a split-band configuration (1900-2500 MHz or 800-1000 MHz), Narda offers 8- and 16-way power divider/combiners.

Since Narda has supplied many similar devices as custom units in high volume applications (AMPS, PCS, DCS, UMTS and WCDMA), contact the factory if you require a special product. In appropriate production volumes, IP65-rated devices are also available.

MODEL NUMBER	3372A-2	3372A-3	3372A-4	3372A-6
N-WAY	2	3	4	6
CONNECTORS	TYPE N-F	TYPE N-F	TYPE N-F	TYPE N-F
FREQUENCY RANGE (MHz)	800-2500 800-1000 / 1000-2500	800-2500	800-2500 800-1000 / 1000-2500	800-2500
AMPLITUDE BALANCE (dB MAX)	0.2 dB	0.5 dB	0.5 dB / 0.7 dB	0.7 dB
PHASE BALANCE ($^{\circ}$ MAX)	3 $^{\circ}$	8 $^{\circ}$	8 $^{\circ}$ / 10 $^{\circ}$	10 $^{\circ}$
VSWR (MAX) INPUTS OUTPUTS	1.35:1 1.30:1	1.6:1 1.5:1	1.7:1 / 1.8:1 1.5:1 / 1.6:1	1.9:1 1.6:1
INSERTION LOSS (dB MAX)	0.3 dB / 0.5 dB	0.8 dB	0.8 dB / 1.0 dB	0.8 dB
ISOLATION (dB MIN)	22 dB	15 dB	18 dB	18 dB

**narda**an  communications company

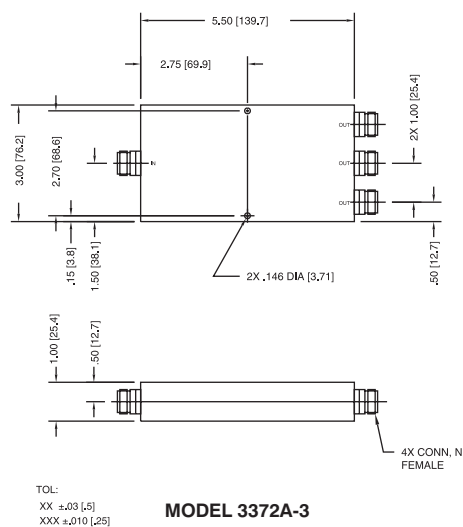
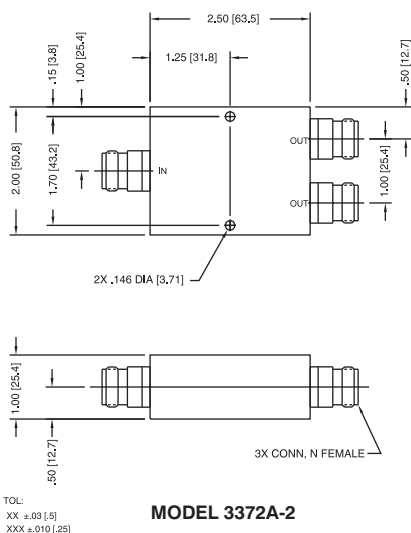
435 MORELAND ROAD • HAUPPAUGE, NY 11788
 USA TEL: (1) 631 231-1700 • INT'L TEL: (1) 631 231-1390 • FAX (1) 631 231-1711
 E-MAIL: nardaeast@L-3COM.com • www.nardamicrowave.com

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MODEL NUMBER	4372-2	4372A-3	4372A-4	4372A-6	4162-8	4162-16	4152-8	4152-16
N-WAY	2	3	4	6	8	16	8	16
CONNECTORS	SMA-F	SMA-F	SMA-F	SMA-F	SMA-F	SMA-F	SMA-F	SMA-F
FREQUENCY RANGE (MHz)	800-2500	800-250	800-2500	800-2500 800-1000 / 1000-2500	1900-2500	1900-2500	800-1000	800-1000
AMPLITUDE BALANCE (dB MAX)	0.2 dB	0.5 dB	0.3 dB	0.5 dB / 0.7 dB	0.5 dB	0.8 dB	0.4 dB	0.6 dB
PHASE BALANCE (°MAX)	3°	8°	6°	8° / 10°	6°	10°	6°	10°
ISOLATION (dB MIN)	22 dB	15 dB	22 dB	18 dB	22 dB	19 dB	20 dB	20 dB
VSWR (MAX) INPUTS OUTPUTS	1.35:1 1.30:1	1.6:1 1.5:1	1.4:1 1.5:1	1.7:1 / 1.8:1 1.5:1 / 1.6:1	1.5:1 1.4:1	1.6:1 1.4:1	1.3:1 1.3:1	1.3:1 1.3:1
INSERTION LOSS (dB MAX)	0.4 dB	0.8 dB	0.8 dB	0.8 dB / 1.0 dB	0.9 dB	1.2 dB	0.8 dB	1.5 dB
INPUT POWER (W) MAX LOAD VSWR 1.2:1 2.0:1 ∞	30 W 5 W 0.5 W	30 W 5 W 0.5 W	30 W 5 W 0.5 W	30 W 5 W 0.5 W	30 W 5 W 0.5 W	30 W 5 W 0.5 W	30 W 5 W 0.5 W	30 W 5 W 0.5 W

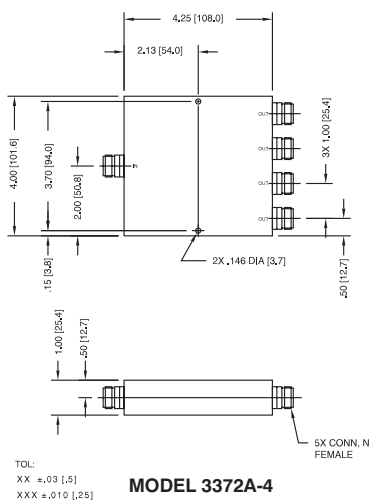
Outline Drawings



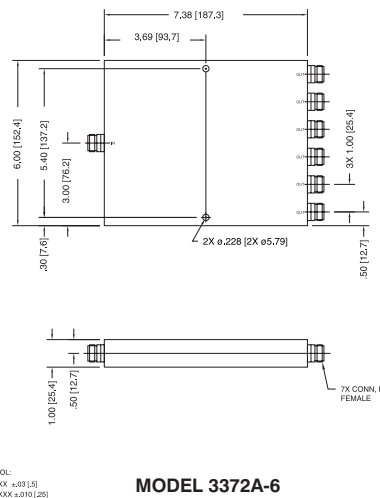
Dimensions in parentheses are in millimeters and for reference only. Connectors mate without interference per MIL-STD-348.



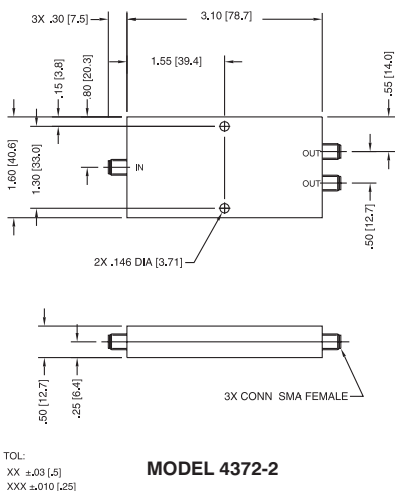
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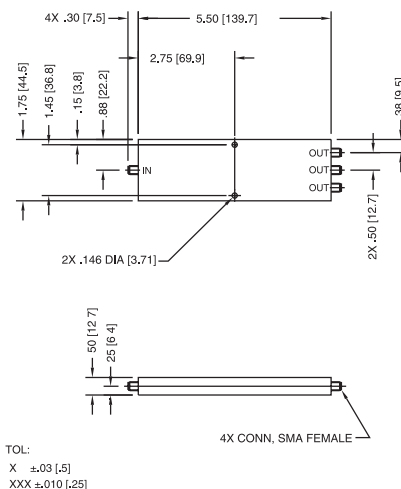
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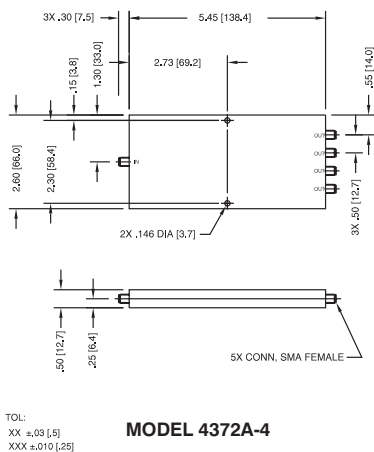
MODEL 3372A-6



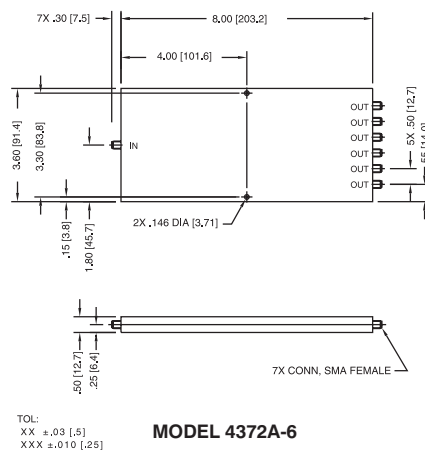
MODEL 4372-2



MODEL 4372A-3



MODEL 4372A-4



MODEL 4372A-6

Dimensions in parentheses are in millimeters and for reference only. Connectors mate without interference per MIL-STD-348.

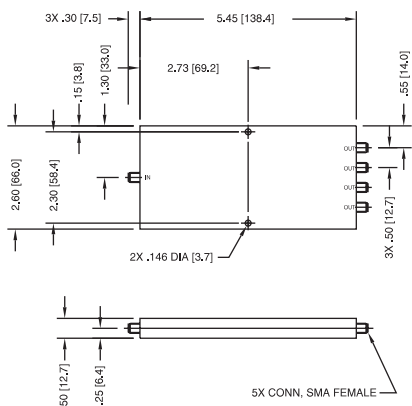


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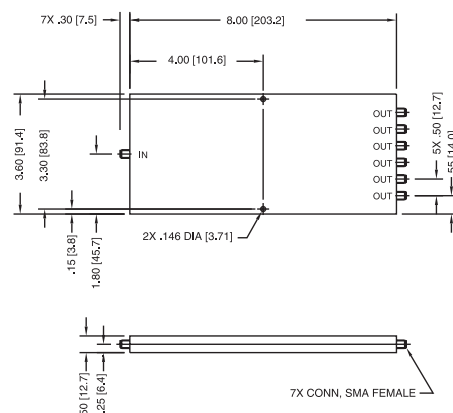
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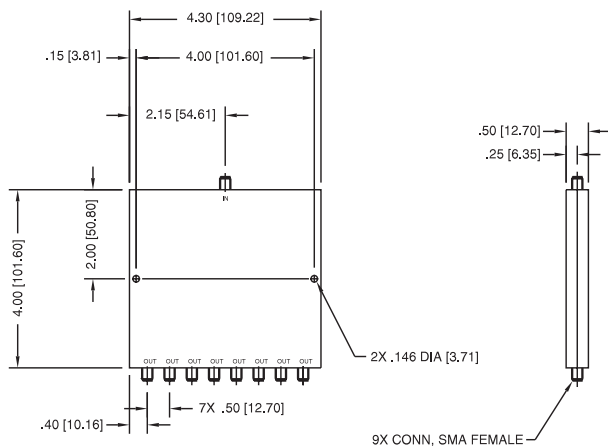
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XXX $\pm .010$ [.25]

MODEL 4372A-4



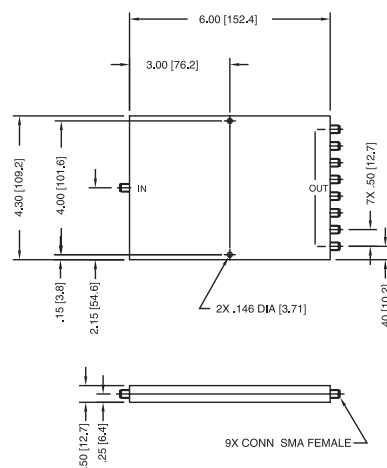
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MODEL 4372A-6



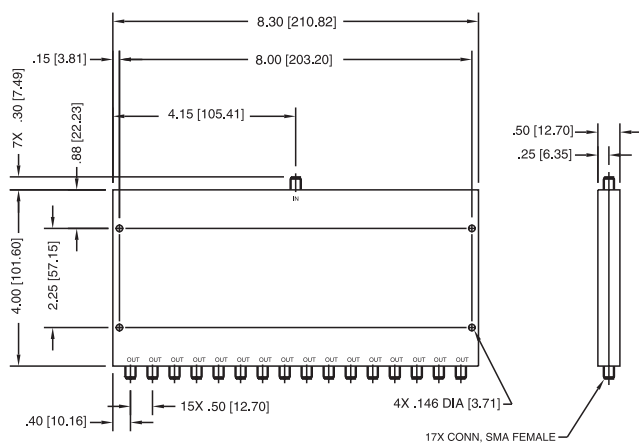
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MODEL 4162-8



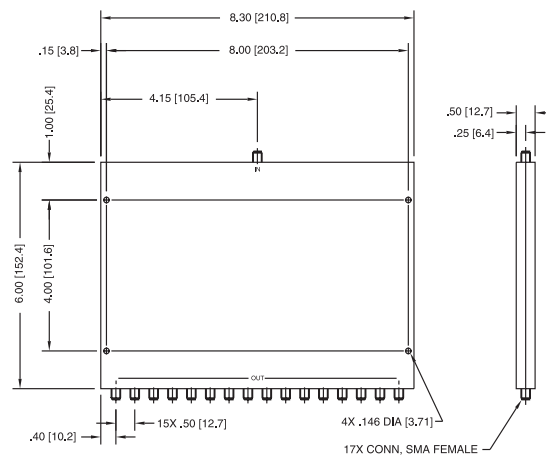
TOL:
XX $\pm .03$ [.5]
XXX $\pm .010$ [.25]

MODEL 4152-8



TOL:
XX $\pm .03$ [.5]
XXX $\pm .010$ [.25]

MODEL 4162-16



TOL:
XX $\pm .03$ [.5]
XXX $\pm .010$ [.25]

MODEL 4152-16

Dimensions in parentheses are in millimeters and for reference only. Connectors mate without interference per MIL-STD-348.

