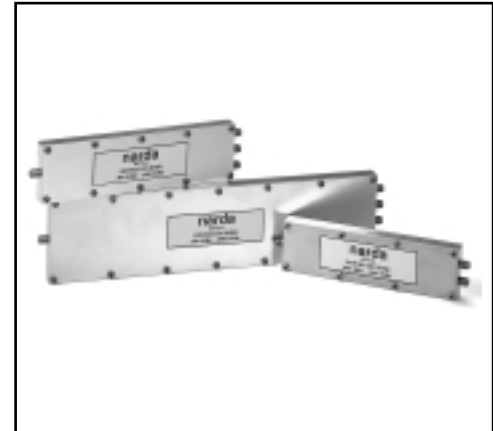


Power Dividers

NEW ECONOMICAL

WIRELESS BAND POWER COMBINERS / DIVIDERS

- Wireless Communications PCS and Cellular Coverage
- Broadband 800 MHz to 2500 MHz
- Complete Series 2-Way, 4-Way, thru 16-Way Models
- High Isolation ≥ 20 dB, Typical ≥ 26 dB Isolation
- Excellent Phase and Amplitude Balance



DESCRIPTION

Narda is introducing a new series of low cost, communication band power combiners / dividers. SMA and Type N connector versions of 2-way, 4-way, 6-way, 8-way, and 16-way power combiners/dividers providing excellent isolation and low insertion loss in a unique, broadband, microwave structure are available.

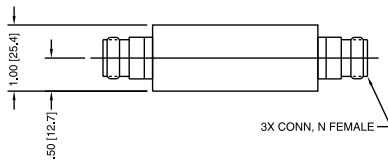
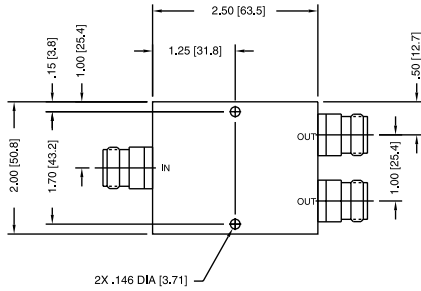
Narrow band versions covering either cellular (824 to 849 MHz) or PCS (1850 to 1910 MHz) are available on request. Also non-standard combination / division such as 21-way and 12-way are also available. Contact our regional sales representative or call Narda directly for more information.

SPECIFICATIONS

| MODEL | 3372A-2 | 4372-2 | 3372A-3 | 4372A-3 | 3372A-4 | 4372A-4 | 3372A-6 | 4372A-6 | 4162-3 | 4162-16 | 4152-3 | 4152-16 |
|-----------------------------------|---|------------|----------------|------------|----------------|------------|---|------------|----------------|----------------|----------------|----------------|
| N-WAY | 2 | | 3 | | 4 | | 6 | | 8 | 16 | 8 | 16 |
| FREQUENCY RANGE (MHz) | 800 - 2500 | | 800 - 2500 | | 800 - 2500 | | 800 - 2500 | | 1900 - 2500 | 1900 - 2500 | 800 - 1000 | 800 - 1000 |
| CONNECTORS | TYPE N FEMALE | SMA FEMALE | TYPE N FEMALE | SMA FEMALE | TYPE N FEMALE | SMA FEMALE | TYPE N FEMALE | SMA FEMALE | SMA FEMALE | SMA FEMALE | SMA FEMALE | SMA FEMALE |
| AMPLITUDE BALANCE (dB) MAX | 0.2 | | 0.5 | | 0.3 | | 0.7 | | 0.5 | 0.8 | 0.4 | 0.6 |
| PHASE BALANCE (DEGREES) MAX | 3 | | 8 | | 6 | | 10 | | 6 | 10 | 6 | 10 |
| ISOLATION (dB) MIN | 22 | | 15 | | 22 | | 18 | | 22 | 19 | 20 | 20 |
| VSWR (MAX) INPUT OUTPUTS | 1.35:1 1.30:1 | | 1.6:1 1.5:1 | | 1.4:1 1.5:1 | | 1.9:1 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 |
| INPUT POWER (WATTS) MAX LOAD VSWR | | | | | | | | | | | | |
| 1.2:1 | 30 | | 30 | | 30 | | 30 | | 30 | 30 | 30 | 30 |
| 2.0:1 | 5 | | 5 | | 5 | | 5 | | 5 | 5 | 10 | 10 |
| ∞ | 0.5 | | 0.5 | | 0.5 | | 0.5 | | 0.5 | 0.5 | 3 | 3 |
| INSERTION LOSS (dB) MAX | 800-1000 MHz - 0.3 1000-2500 MHz - 0.5 | | 0.8 | | 0.8 | | 800-1000 MHz - 0.8 1000-2500 MHz - 1.0 | | 0.9 | 1.2 | 0.8 | 1.5 |
| WEIGHT (g) MAX | 220 | 100 | 450 | 170 | 650 | 250 | 1500 | 520 | 500 | 550 | 650 | 850 |

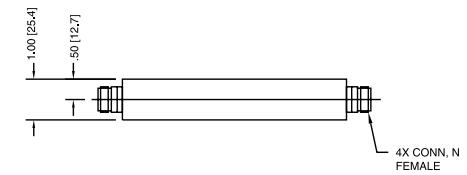
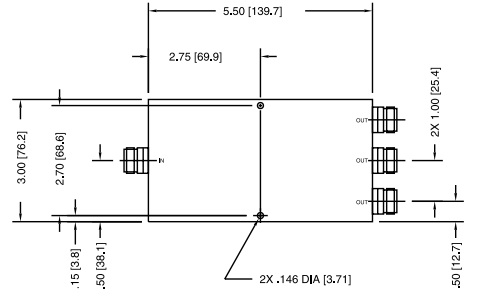
Power Dividers

OUTLINE DRAWINGS



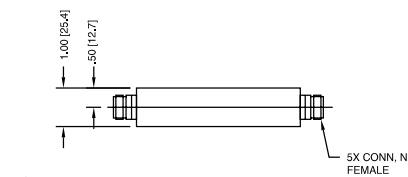
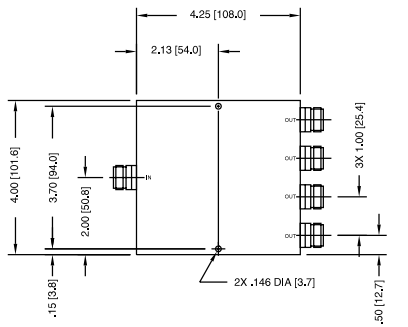
TOL:
XX ±.03 [.5]
XXX ±.010 [.25]

MODEL 3372A-2



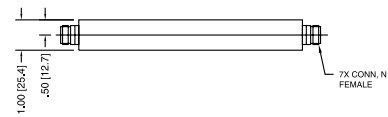
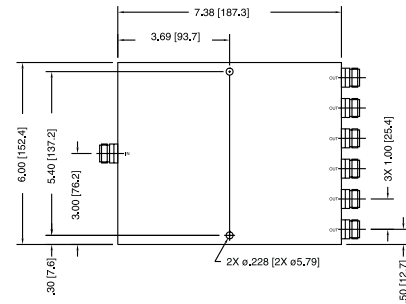
TOL:
XX ±.03 [.5]
XXX ±.010 [.25]

MODEL 3372A-3



TOL:
XX ±.03 [.5]
XXX ±.010 [.25]

MODEL 3372A-4



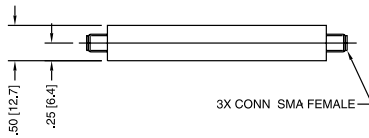
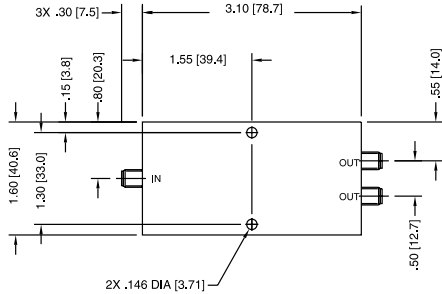
TOL:
XX ±.03 [.5]
XXX ±.010 [.25]

MODEL 3372A-6

Dimensions in parentheses are in millimeters and for reference only.

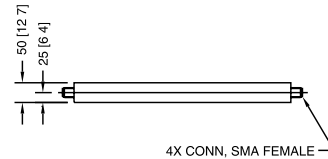
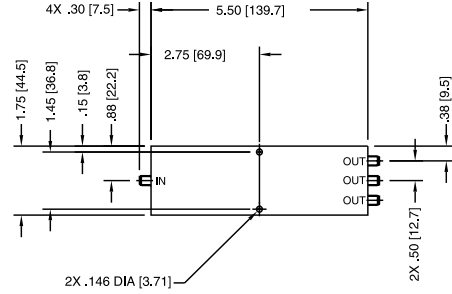
Connectors mate without interference per MIL-STD-348.

Power Dividers



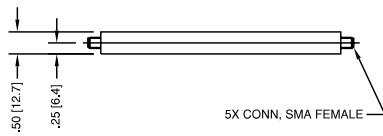
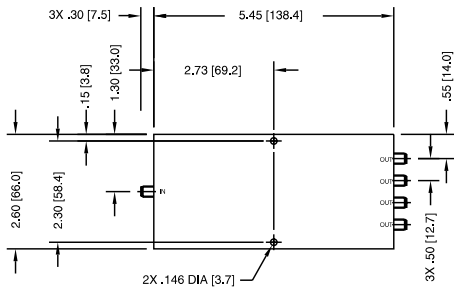
TOL:
XX ±.03 [5]
XXX ±.010 [25]

MODEL 4372-2



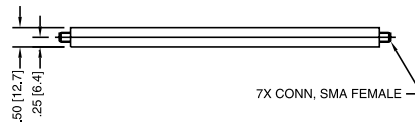
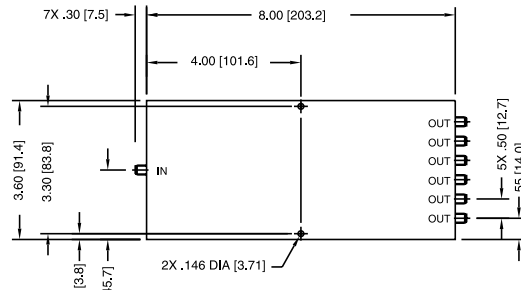
TOL:
X ±.03 [5]
XXX ±.010 [25]

MODEL 4372A-3



TOL:
XX ±.03 [5]
XXX ±.010 [25]

MODEL 4372A-4



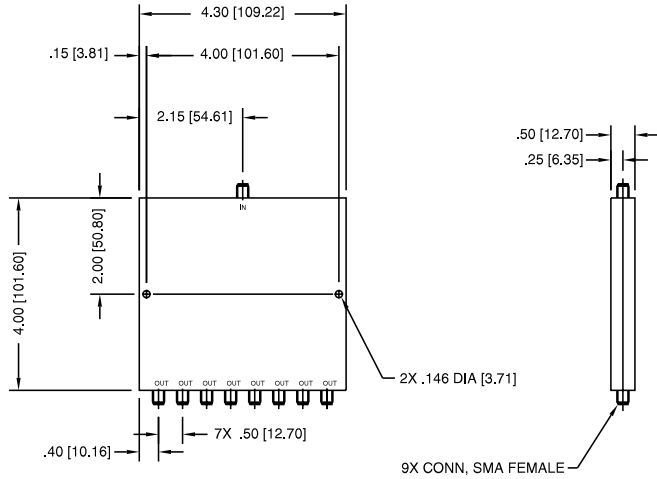
TOL:
XX ±.03 [5]
XXX ±.010 [25]

MODEL 4372A-6

Dimensions in parentheses are in millimeters and for reference only.

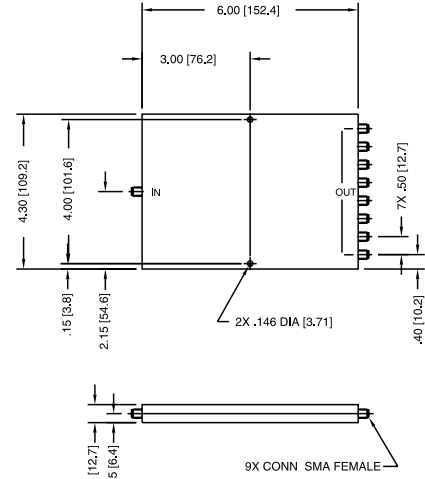
Connectors mate without interference per MIL-STD-348.

Power Dividers



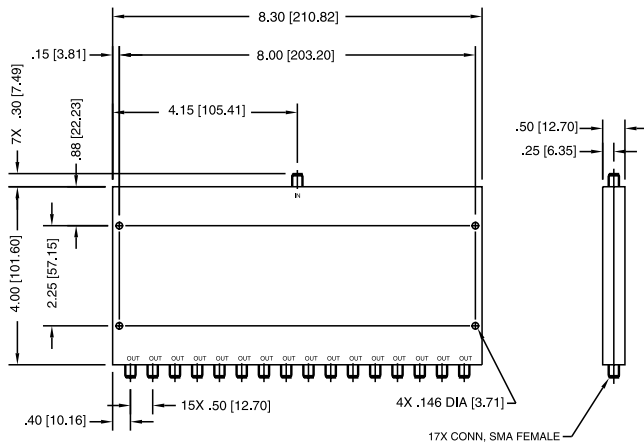
TOL:
 XX ±.03 [.5]
 XXX ±.010 [.25]

MODEL 4162-8



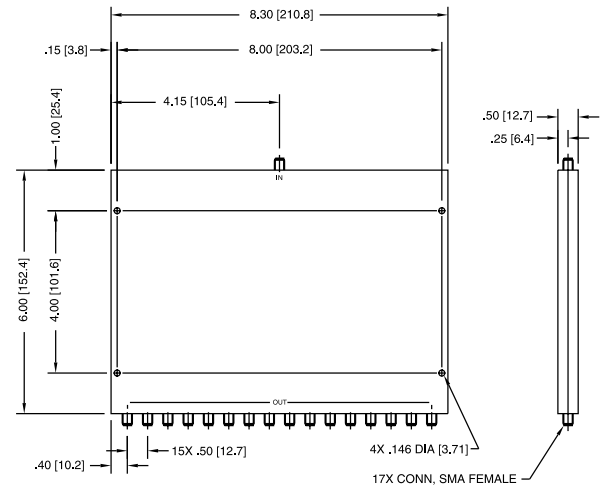
TOL:
 XX ±.03 [.5]
 XXX ±.010 [.25]

MODEL 4152-8



TOL:
 XX ±.03 [.5]
 XXX ±.010 [.25]

MODEL 4162-16



TOL:
 XX ±.03 [.5]
 XXX ±.010 [.25]

MODEL 4152-16

Dimensions in parentheses are in millimeters and for reference only.

Connectors mate without interference per MIL-STD-348.