

# Power Dividers, 2, 3, 4, 6 and 8-Way

## 800-900, 890-960, or 1700-1900 MHz

**2089 Series**

V2.00

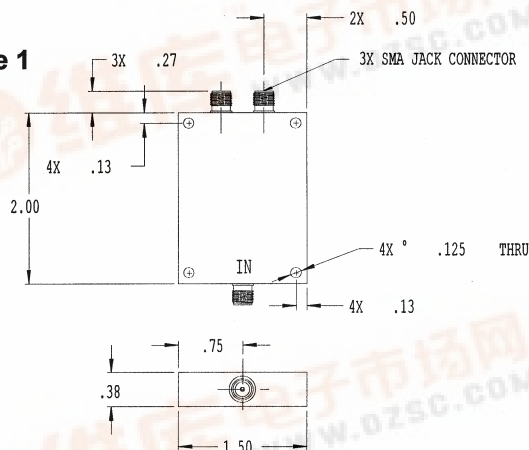
### Features

- Type SMA jack
- Low Loss
- High Isolation
- May be used as High Power Combiner (Consult Factory).

### Description

M/A-COM's 2089 Series of 2, 3, 4, 6 and 8-Way Power Dividers provide several output choices over 3 frequency ranges. These dividers are provided with standard Type SMA jacks.

**Figure 1**



### Ordering Information and Typical Performance Specifications

| Part Number  | Frequency (MHz) | Figure | VSWR (Max) | Insertion Loss (dB) Max | Isolation (dB) min | Amplitude Balance |
|--------------|-----------------|--------|------------|-------------------------|--------------------|-------------------|
| 2089-6217-00 | 800-900         | 1      | 1.2:1      | .2                      | 20                 | .2                |
| 2089-6218-00 | 890-960         | 1      | 1.2:1      | .2                      | 20                 | .2                |
| 2089-6219-00 | 1700-1900       | 1      | 1.2:1      | .25                     | 20                 | .2                |
| 2089-6317-00 | 800-900         | 2      | 1.25:1     | .3                      | 20                 | .3                |
| 2089-6318-00 | 890-960         | 2      | 1.25:1     | .3                      | 20                 | .3                |
| 2089-6319-00 | 1700-1900       | 2      | 1.3:1      | .4                      | 20                 | .4                |
| 2089-6417-00 | 800-900         | 3      | 1.2:1      | .3                      | 20                 | .25               |
| 2089-6418-00 | 890-960         | 3      | 1.2:1      | .3                      | 20                 | .25               |
| 2089-6419-00 | 1700-1900       | 3      | 1.2:1      | .4                      | 20                 | .3                |
| 2089-6617-00 | 800-900         | 4      | 1.2:1      | .35                     | 20                 | .4                |
| 2089-6618-00 | 890-960         | 4      | 1.2:1      | .35                     | 20                 | .4                |
| 2089-6619-00 | 1700-1900       | 4      | 1.3:1      | .5                      | 20                 | .5                |
| 2089-6817-00 | 800-900         | 5      | 1.2:1      | .4                      | 20                 | .4                |
| 2089-6818-00 | 890-960         | 5      | 1.2:1      | .4                      | 20                 | .4                |
| 2089-6819-00 | 1700-1900       | 5      | 1.3:1      | .5                      | 20                 | .5                |

**Input Power:** 4.0 Watts Maximum.

**Impedance:** 50 Ohms nominal.

[查询"2089-6217-00"供应商](#)

Figure 2

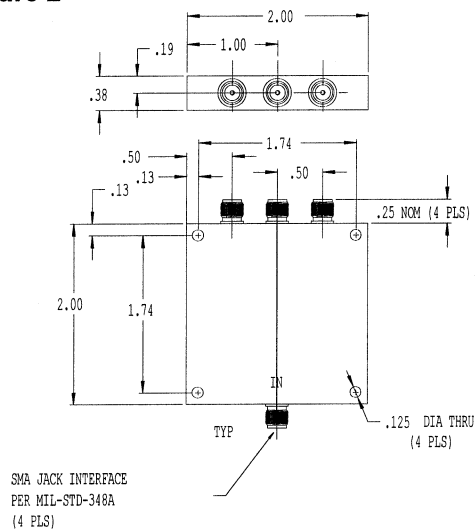


Figure 3

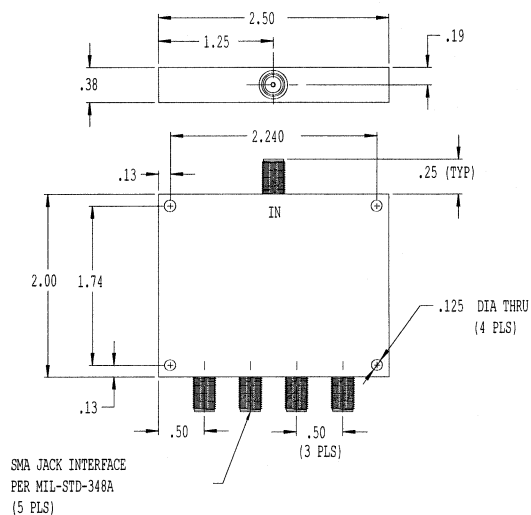


Figure 4

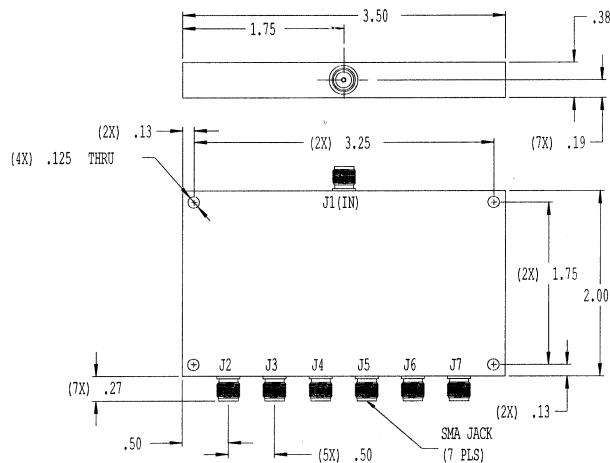


Figure 5

