

Power Dividers



0.5-18 GHz

SMA ULTRA BROADBAND
POWER DIVIDERS

- 0.5 to 18 GHz and 0.5 to 6 GHz Models Available
- Low Input VSWR
- High Isolation Between Output Ports
- Special Narrow Band Versions Available for Communications Requirements

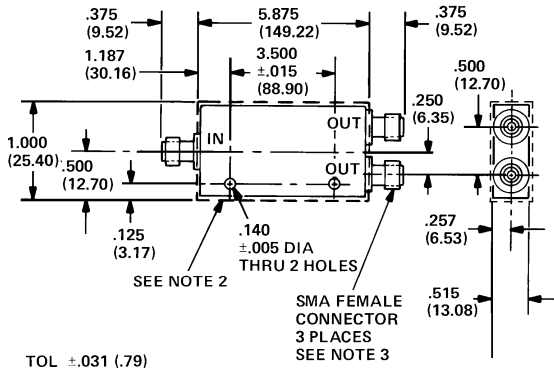
SPECIFICATIONS

| FREQUENCY RANGE GHz | MODEL | VSWR | | INSERTION LOSS dB | | | ISOLATION dB (Min) | AMP BAL dB | | PHASE BAL Degree (Max) | | AVG. POWER Watts (Max) LOAD VSWR | | | WEIGHT Oz Kg (Max) | |
|---------------------------|----------|--------|-----------------|-------------------------|------|------|--------------------------|------------------|------|------------------------------|------|--|-----|---|--------------------------|-----|
| | | INPUT | OUTPUT (Max) | .5-6 | .5-8 | 8-18 | | .5-8 | 8-18 | .5-8 | 8-18 | 1.2 | 2.0 | ∞ | | |
| 0.5-18 | 4426-2 | 1.50:1 | 1.40:1 | — | 0.9 | 1.7 | 19 | 0.3 | 0.6 | 4.0 | 10.0 | 30 | 10 | 1 | 6.4 | .18 |
| 0.5-18 | 4426-4 | 1.60:1 | 1.45:1 | — | 1.8 | 3.8 | 16 | 0.5 | 1.2 | 8.0 | 14.0 | 30 | 10 | 1 | 20 | .55 |
| 0.5-18 | 4426-3 | 1.70:1 | 1.50:1 | — | 3.5 | 6.5 | 14 | 0.8 | 1.4 | 10.0 | 18.0 | 30 | 10 | 1 | 38 | 1.1 |
| 0.5-6 | 4426LB-2 | 1.50:1 | 1.40:1 | 0.9 | — | — | 19 | 0.3* | — | 4.0 | — | 30 | 10 | 1 | 38 | .18 |
| 0.5-6 | 4426LB-4 | 1.60:1 | 1.45:1 | 1.8 | — | — | 16 | 0.5* | — | 8.0 | — | 30 | 10 | 1 | 38 | .55 |
| 0.5-6 | 4426LB-3 | 1.70:1 | 1.50:1 | 3.5 | — | — | 14 | 0.8* | — | 10.0 | — | 30 | 10 | 1 | 38 | 1.1 |

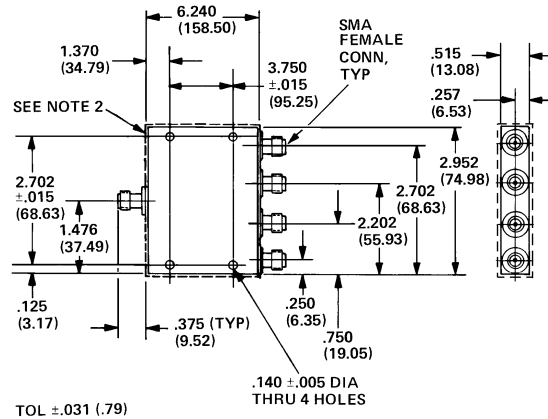
*0.5-6.0 GHz

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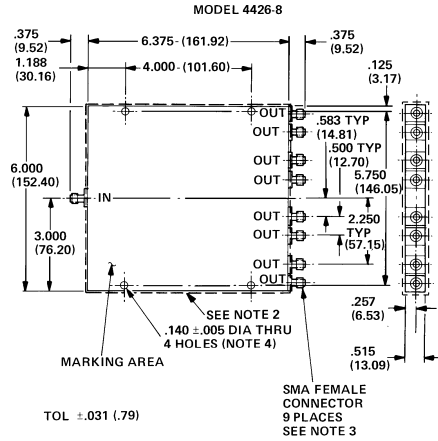
OUTLINE DRAWINGS



MODEL 4426-2, 4426LB-2



MODEL 4426-4, 4426LB-4



MODEL 4426-8, 4426LB-8

Dimensions in parentheses are in millimeters and for reference only.

Allow .020 for Sealant Buildup per Surface.