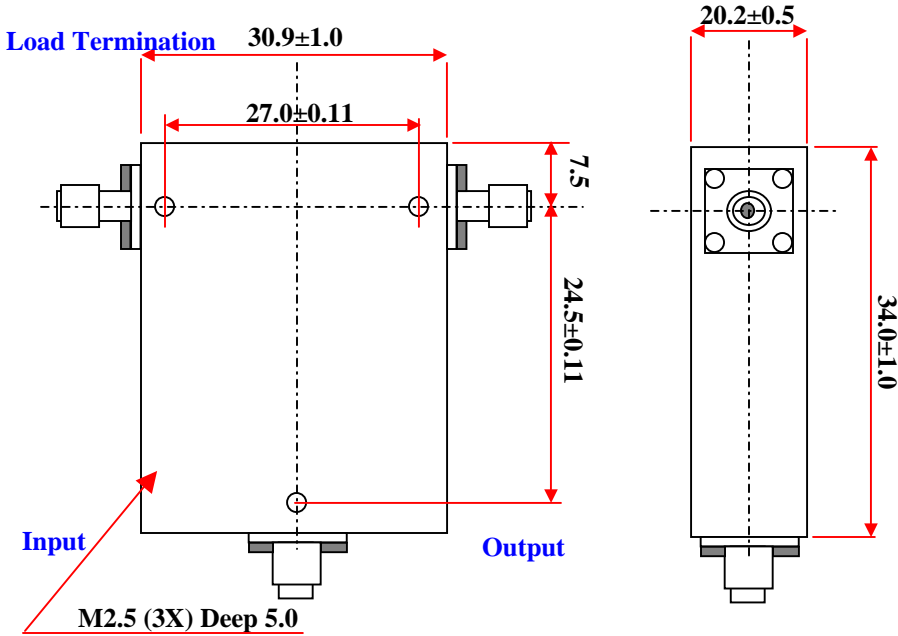


RADITEK INC

**(Coaxial Isolator, 1.4-1.7GHz, SMA Female Connectors, 50 watts, 1 kilo Watt peak)
RADI-1.4-1.7-SX-50WR (1kW Peak)**



| Connector options (X) | | | | |
|--------------------------------|--------|------|-------------|---------------|
| S: SMAm, SMAf, N: Nf available | | | | |
| | | Iso. | Circ. | Circ. |
| Port 1 | Port 2 | Iso. | Port 3 male | Port 3 female |
| female | male | -1 | -11 | -21 |
| male | female | -2 | -12 | -22 |
| female | female | -3 | -13 | -23 |
| male | male | -4 | -14 | -24 |

| Specifications | +25 °C | -25 to +70 °C | |
|----------------------------|---------|---------------|-----------|
| Frequency | 1.4-1.7 | 1.4-1.7 | GHz |
| Insertion Loss | 0.4 | 0.5 | dB |
| Isolation | 20 | 20 | dB |
| VSWR | 1.20 | 1.25 | :1 |
| Fwd Average Power | 50 | 50 | Watts |
| Fwd Peak Power | 1 | 1 | Kilo Watt |
| Termination Average Power | 1 | 1 | Watt |
| Termination Rev Peak Power | 60 | 60 | Watt |

Note: This unit must be marked with the port, Functions: Input, Output and Termination

Thermal Shock: -25 to +70°C, 5 cycles –30 minutes
 Mechanical Shocks: 30g, 11ms, 3 shocks, 3 axes
 Sinusoidal Vibrations: 10Hz to 55Hz, 10g-3axes,
 5 cycles-10mintues
 Constant Acceleration: 20g-3axes, 5 minutes
 Seal Tests: method1, qk test
 Damp Heat: according to MIL-STD-202F, Method 106 3.

RADI-1.4-1.7-S3-50WR

Specifications subject to change

01/20/05

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