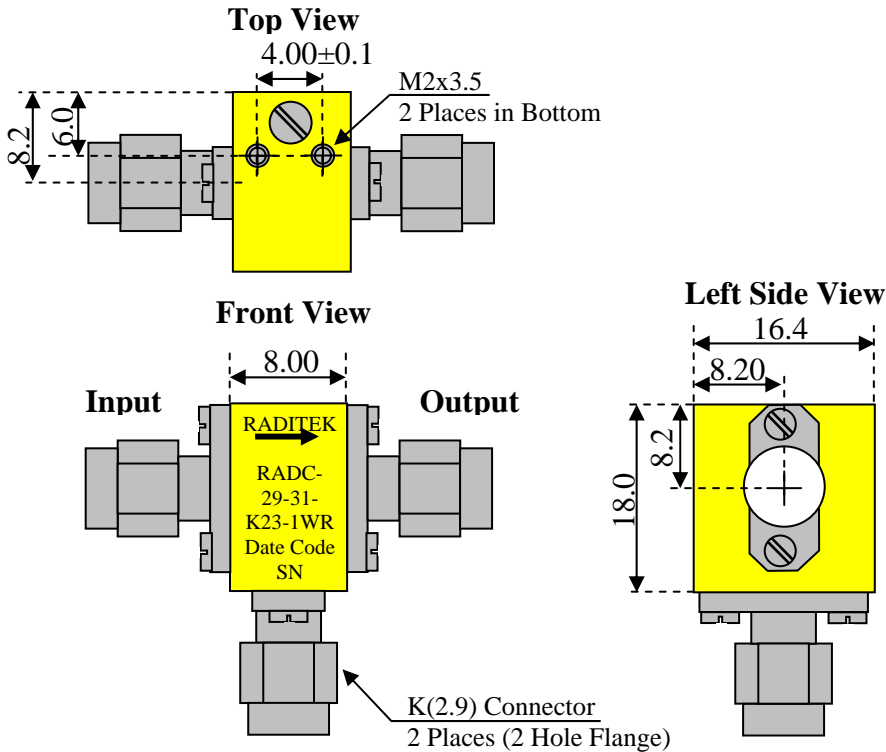


Coaxial Circulator, 25-40 GHz, Split Bands, 5% Bandwidth Standard (>5% Bandwidth Special), K(2.9)mm Connector, 1-2 Watts RADC-f1-f2-Kx-1WR



| K(2.9) Connector options (X) | | | |
|------------------------------|--------|-------------|---------------|
| Circulator | | | |
| Port 1 | Port 2 | Port 3 Male | Port 3 Female |
| Female | Male | -11 | -21 |
| Male | Female | -12 | -22 |
| Female | Female | -13 | -23 |
| Male | Male | -14 | -24 |



| Direction of RF: | |
|------------------|-----------|
| R | Default → |
| L | ← |

Units: mm
 Not to scale

Order Examples: RADC-29-31-K23-1WR
 C=CIRCULATOR

| Specifications: | | | | | | Units |
|------------------------|------------|------------|------------|------------|------------|-------|
| Frequency | 25-27 | 27-31 | 31-34 | 34-37 | 37-40 | GHz |
| Bandwidth | 5% | 5% | 5% | 5% | 5% | % |
| Connector | K | K | K | K | K | |
| Insertion loss | 1.1 | 1.3 | 1.3 | 1.4 | 1.6 | dB |
| Isolation | 20 | 20 | 18 | 18 | 18 | dB |
| VSWR | 1.40:1 | 1.40:1 | 1.40:1 | 1.40:1 | 1.50:1 | |
| Power handling Forward | 2 | 2 | 2 | 2 | 2 | Watt |
| Power handling Reverse | 2 | 2 | 2 | 2 | 2 | Watt |
| Temperature range | -30 to +65 | -30 to +65 | -30 to +65 | -30 to +65 | -30 to +65 | °C |

Coaxial Circulator, 25-40 GHz, Split Bands, 5% Bandwidth Standard (>5% Bandwidth Special), K(2.9)mm Connector, 1-2 Watts RADC-f1-f2-Kx-1WR

*Denotes Special: >5% Bandwidth

| Specifications: Frequency GHz | Bandwidth % | Insertion loss dB (max) | Isolation dB (min) | VSWR :1 | Power Fwd Watts | Power Rev Watts | Temp °C | Connector |
|----------------------------------|----------------|----------------------------|-----------------------|------------|--------------------|--------------------|--------------------------|-----------|
| 25.2-27.2 | 7.6* | 1.3 | 20 | 1.40 | 2 | 1 | -30 to +70 | K |
| 26-27 | 3.8 | 1.1 | 20 | 1.40 | 2 | 1 | -30 to +70 | K |
| 27.1-29.9 | 9.8* | 1.2 | 19 | 1.45 | 2 | 1 | -30 to +70 | K |
| 27.5-28.5 | 3.6 | 1.0 | 20 | 1.35 | 1 | 1 | -30 to +65 | K |
| 28-31 | 10.2* | 1.5 | 17 | 1.4 | 1 | 1 | -30 to +65 | K |
| 28.35-28.95 | 2.1 | 0.9 | 23 | 1.30 | 2 | 1 | -30 to +70 | K |
| 29-31 | 6.7* | 1.3 1.4 | 20 17 | 1.35 | 2 | 2 | -15 to +35 -30 to +70 | K |
| 29.25-30.75 | 5.0 | 1.1 | 22 | 1.35 | 2 | 2 | -30 to +65 | K |
| 29.5-30.5 | 3.3 | 1.1 | 20 | 1.35 | 2 | 1 | -40 to +70 | K |
| 29.6-30.2 | 2.0 | 0.9 | 23 | 1.30 | 2 | 1 | -30 to +70 | K |
| 29.75-31.25 | 4.9 | 1.1 | 20 | 1.35 | 1 | 1 | -30 to +60 | K |
| 30-31 | 3.3 | 1.1 | 20 | 1.35 | 2 | 1 | -30 to +70 | K |
| 31-33 | 6.3* | 1.4 | 17 | 1.35 | 2 | 2 | -30 to +70 | K |
| 31.5-33.0 | 4.7 | 1.1 | 20 | 1.35 | 2 | 2 | -30 to +70 | K |
| 32-36 | 6.06 | 1.1 | 18 | 1.35 | 10 | 1 | -10 to +50 | K |
| 34-36 | 5.7* | 1.2 | 18 | 1.45 | 2 | 1 | -30 to +70 | K |
| 34.5-35.5 | 2.86 | 1.2 | 18 | 1.45 | 2 | 1 | -30 to +70 | K |
| 35.3-36.2 | 2.5 | 1.2 | 18 | 1.45 | 2 | 1 | -30 to +70 | K |
| 36-38 | 5.4* | 1.2 | 18 | 1.45 | 2 | 1 | -30 to +70 | K |
| 36.15-36.35 | 0.6 | 1.0 | 20 | 1.25 | 1 | 1 | -20 to +55 | K |
| 38-40 | 5.1 | 1.2 | 18 | 1.45 | 2 | 1 | -30 to +70 | K |
| 39-41 | 5.0 | 1.6 | 18 | 1.50 | 1 | 1 | -30 to +65 | 2.4 |