

## YSBCI20-2-8-S

2-8 GHz Broadband Coaxial Isolator, 20 W, 15 dB Isolation

### Key Features

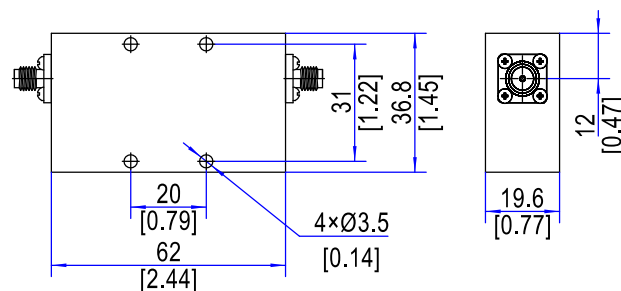
- Wide frequency coverage
- Broad instantaneous bandwidth
- Low insertion loss
- Excellent VSWR
- Compact, customizable design

### Applications

- Broadband EW systems
- Satellite communications
- RF test equipment
- Wideband radar systems
- Telecom infrastructure

| Electrical Specifications    |                                       |                       |      |                 |                      |
|------------------------------|---------------------------------------|-----------------------|------|-----------------|----------------------|
| Freq. Range<br>(GHz)         | Insertion Loss<br>(dB Max)            | Isolation<br>(dB Min) | VSWR | CW Power<br>(w) | Reverse Power<br>(w) |
| 2.0-6.0                      | 1.20                                  | 15                    | 1.50 | 20              | 10                   |
| 2.0-8.0                      | 1.70 @ 2.0-2.02 GHz                   | 13                    | 1.60 | 20              | 10                   |
|                              | 1.50 @ 2.02-8.0 GHz                   |                       |      |                 |                      |
| Impedance                    | 50 Ω                                  |                       |      |                 |                      |
| Environmental Specifications |                                       |                       |      |                 |                      |
| Operating Temperature        | -10°C to +60°C                        |                       |      |                 |                      |
| Storage Temperature          | -50°C to +90°C                        |                       |      |                 |                      |
| Mechanical Specifications    |                                       |                       |      |                 |                      |
| Connectors                   | SMA Female                            |                       |      |                 |                      |
| Dimension <sup>1</sup>       | 62×36.8×19.6 mm / [2.44×1.45×0.77 in] |                       |      |                 |                      |

**Outline Drawing** (Units: mm/[inch], Tolerance:  $\pm 0.3$  mm)



### Ordering Information:

Example: 2-6 GHz, 20 W, SMA Connector.

Model: YSBCI20-2-6-S

Note 1:Excluding connector size.