

# QRJ2-18000-31

Channel 1, DC~18GHz, Channel 2, DC~5GHz, 31.7mm

- |                               |  |
|-------------------------------|--|
| Features:                     | Applications:                            |
| * Low VSWR                    | * High Speed Digital Signal Transmission |
| * Low VSWR Flatness           | * Analog Signal Transmission             |
| * Low Insertion Loss Flatness |  |

## Electrical

- Frequency (Channel 1): DC~18GHz
- Frequency (Channel 2): DC~5GHz
- VSWR (Channel 1): 1.5 max.
- VSWR Flatness: 0.04 max.
- VSWR (Channel 2): 2 max.
- VSWR Flatness: 0.36 max.
- Insertion Loss (Channel 1): 0.48dB max.
- Insertion Loss Flatness: 0.05 dB max.
- Insertion Loss (Channel 2): 0.98dB max.
- Insertion Loss Flatness: 0.25 dB max.
- Phase Flatness (Channel 1): 1° max.
- Phase Flatness (Channel 2): 2° max.
- Isolation: 60dB typ.
- Average Power: 50W max.
- Peak Power: 3000W max.
- IP Grade: IP 60 per EN 60529

## Environmental

- Operating Temperature: -40~+70°C
- Non-operating Temperature: -50~+70°C

## Mechanical

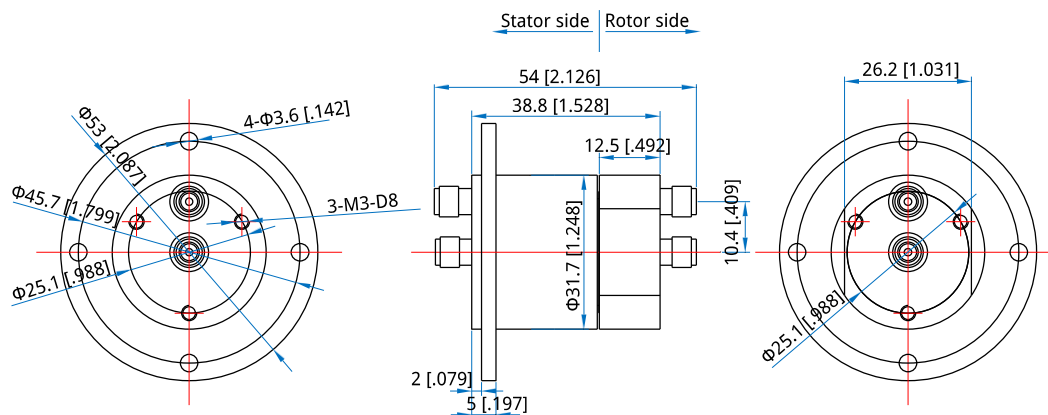
- Connectors: SMA female
- Rotating Speed: 60RPM max.
- Starting Torque: 5N.cm max.
- Rotating Torque: 5N.cm max.
- Operation Life: 10M Cycles
- Dielectric: PTFE

## How To Order

**QRJ2-18000-31**

Customization is available upon request.

## Outline Drawings



Unit: mm [in]  
Tolerance:  $\pm 0.2$ mm [ $\pm 0.008$ in]