

NRJ2-18000-31

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

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| 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

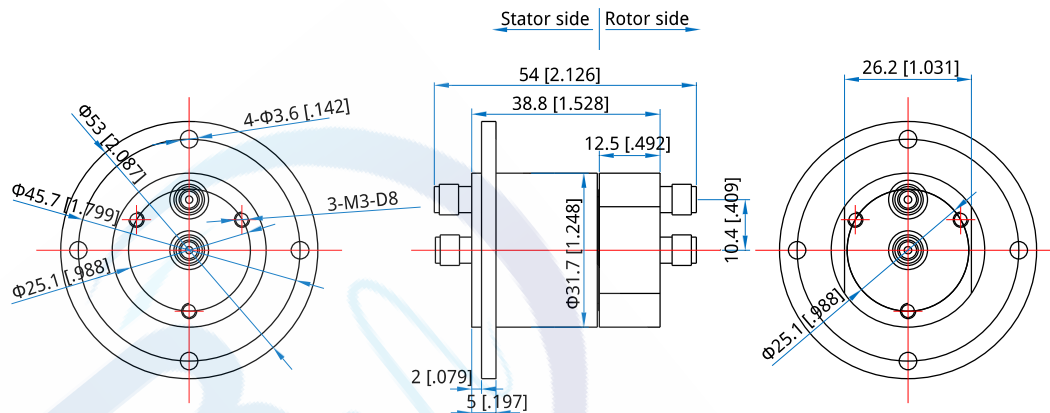
Connectors:	SMA female
Rotating Speed:	60RPM max.
Starting Torque:	5N.cm max.
Rotating Torque:	5N.cm max.
Operation Life:	10M Cycles
Dielectric:	PTFE

How To Order

NRJ2-18000-31

Customization is available upon request.

Outline Drawings



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