

PRJ-WR75 WR-75 ROTARY JOINT

PRJ-WR75 is an I-type rotary joint specially developed for high power applications up to 1000W such as SNG or outside broadcasting etc.

It is an essential part of mobile (drive-away) antennas, where it used in Azimuth and Polarization axis to make it possible rotation under high RF power between HPA and Feed , and Feed to LNB systems.



KEY FEATURES

- * WIDEBAND COVERAGE OF KU-BAND FROM 10.7 TO 14.5 GHZ
- * IMPEDANCE MATCHING BETWEEN COAXIAL WAVEGUIDE AND WR-75
- * ENDLESS 360 O ROTATIONAL CAPACITY
- **I-TYPE ROTARY JOINT**

PRJ-WR75 WR-75 ROTARY JOINT



ELECTRICAL PROPERTIES

Operation Frequency Range

Input 10.95 GHz – 12.75 GHz

Output 13.75 GHz – 14.50 GHz

Insertion Loss

Input

0.3 dB

Output

0.5 dB

VSWR (Max)

1.5:1

Power Handling (Max)

1000 W (Continuous

PHYSICAL PROPERTIES

Dimensions
Length 62.7 mm
Diameter 52.0 mm
Weight 330 gr.
Waveguide Standards
WR-75

ENVIRONMENTAL PROPERTIES

Operation Temperature
-30 to 60 oC
Humidity
98 % non-condensing
Storage Temperature and Humidity
-40 / 80 oC , 95 % RH



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