HIGH POWER WR159 WAVEGUIDE “U” SHAPE
SINGLE CHANNEL ROTARY JOINT --- RFWRJ159SU

1.0 Mechanical Specifications
1.1 Waveguide type Rectangular Waveguide WR159
1.2 Flange type CPRF FLAT (Other available)
1.3 Flange Holes Through
1.4 Basis-material Alloyed Copper
1.5 Internal Finish Silver Plating
1.6 External Finish Corrosion protected paint

2.0 Environment specifications
2.1 Operation Temp. -30ºC~+70ºC
2.2 Storage Temp. -50ºC~+125ºC
2.3 Altitude 45000 ft
2.4 Vibration 10g rms (15 degree 2KHz)
2.5 Humidity 100% RH at 35c, 95%RH at 40 deg c
2.6 Shock 20G for 11msc

3.0 Electrical Specifications
3.1 Frequency Range 4.64~7.05GHz (BW<=600MHz)
5.2~5.8GHz (As shown)
3.2 Max. Insertion Loss/IL WOW 0.2dB/0.1dB
3.3 Max. VSWR / VSWR WOW 1.15:1 /1.02 :1
3.4 Power Handling(average) 1000W(CW)
100KW peak (1% 13.5µs)
3.5 Pressure 10PSI