**Title:** ROTARY JOINT, 7/8 EIA COAX

**Dimensions:**
- **FREQUENCY:**
  - DC - 5500 MHz
- **VSWR:**
  - DC - 2500 MHz, 1:15:1 MAX
  - 2500 - 5500 MHz, 1:50:1 MAX
- **INS. LOSS:**
  - DC-2500 MHz: 0.25dB MAX
  - 2500-5500 MHz: 0.60dB MAX
- **INS. LOSS WOW:**
  - 0.1 dB MAX
- **POWER:**
  - 2.5 kW MAX (UP TO 500 MHz)
  - 1.0 kW MAX (500 - 5500 MHz)
- **WEATHERIZATION:**
  - YES
- **PRESSURIZATION:**
  - 30 psig
- **LEAK RATE:**
  - 5cc/min. MAX
- **STARTING TORQUE:**
  - 6 oz.in. NOM
- **COAX LINE IMPEDANCE:**
  - 50 ohms
- **ROTATIONAL SPEED:**
  - 100 RPM, MAX
- **MATERIAL:**
  - ALUMINUM
- **FINISH:**
  - IRIDITE & TBD PAINT
  - DO NOT PAINT WHERE NOTED AND INDICATED BY: Δ
- **MARKING TO INCLUDE AS A MINIMUM:**
  - DIAMOND PART NO. & SERIAL NO.

**Additional Notes:**
- NO PAINT
- 7/8 EIA CONNECTOR BOTH ENDS
- FREQUENCY: DC - 5500 MHz
- VSWR: DC - 2500 MHz, 1:15:1 MAX
- 2500 - 5500 MHz, 1:50:1 MAX
- INS. LOSS: DC-2500 MHz: 0.25dB MAX
- 2500-5500 MHz: 0.60dB MAX
- INS. LOSS WOW: 0.1 dB MAX
- POWER: 2.5 kW MAX (UP TO 500 MHz)
- 1.0 kW MAX (500 - 5500 MHz)
- WEATHERIZATION: YES
- PRESSURIZATION: 30 psig
- LEAK RATE: 5cc/min. MAX
- STARTING TORQUE: 60 oz.in. NOM
- COAX LINE IMPEDANCE: 50 ohms
- ROTATIONAL SPEED: 100 RPM, MAX
- MATERIAL: ALUMINUM
- FINISH: IRIDITE & TBD PAINT
- DO NOT PAINT WHERE NOTED AND INDICATED BY: Δ
- MARKING TO INCLUDE AS A MINIMUM: DIAMOND PART NO. & SERIAL NO.

**Additional Specifications:**
- FREQUENCY: DC - 5500 MHz
- VSWR: DC - 2500 MHz, 1:15:1 MAX
- 2500 - 5500 MHz, 1:50:1 MAX
- INS. LOSS: DC-2500 MHz: 0.25dB MAX
- 2500-5500 MHz: 0.60dB MAX
- INS. LOSS WOW: 0.1 dB MAX
- POWER: 2.5 kW MAX (UP TO 500 MHz)
- 1.0 kW MAX (500 - 5500 MHz)
- WEATHERIZATION: YES
- PRESSURIZATION: 30 psig
- LEAK RATE: 5cc/min. MAX
- STARTING TORQUE: 60 oz.in. NOM
- COAX LINE IMPEDANCE: 50 ohms
- ROTATIONAL SPEED: 100 RPM, MAX
- MATERIAL: ALUMINUM
- FINISH: IRIDITE & TBD PAINT
- DO NOT PAINT WHERE NOTED AND INDICATED BY: Δ
- MARKING TO INCLUDE AS A MINIMUM: DIAMOND PART NO. & SERIAL NO.