

## NSI-RF-5902

### Phase Stable Dual Rotary Joint System, DC - 26.5 GHz



#### DESCRIPTION

NSI's DC-26.5 GHz Phase Stable Dual Rotary Joint System allows the phase reference RF signals to pass from a fixed point up to the moving probe with minimal cable flexing errors. These are typically used in our high frequency scanner systems as the LO cable to a mixer mounted at the probe. The use of one rotary joint at the fixed point and another at the moving probe allows the RF cable to hang in a 'catenary' shape which will provide minimal flexing and excellent amplitude and phase performance.

SPECIFICATIONS	
NSI Model	NSI-RF-5902
Connector	SMA f/f
Frequency (GHz)	DC-26.5
Amplitude Variation (dB)	< 0.05 dB RMS
Phase Variation (deg)	< 0.5° RMS
Peak Power (kW)	3
Ave. Power (W)	500

### **ORDERING INFORMATION**

Please contact the NSI Sales department to order this product.

#### **Nearfield Systems, Incorporated**

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