

NSI-RF-5903

Phase Stable Dual Rotary Joint System, DC - 40 GHz



DESCRIPTION

NSI's DC-40 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-5903
Connector	SMA f/f
Frequency (GHz)	DC-40
Amplitude Variation (dB)	< 0.1 dB RMS
Phase Variation (deg)	<2° RMS
Peak Power (kW)	3
Ave. Power (W)	500

ORDERING INFORMATION

Please contact the NSI Sales department to order this product.