Compact Rotary Vane Attenuator
Series 114

Features

- Models up to 140 GHz WG28 (WR8)
- Attenuation range up to 50 dB
- High accuracy

  Models offering 1% or 2%
- Direct reading



Model 26114

The Flann 114 RVA is a compact, direct reading, rotary vane attenuator for use in millimeter wave test sets. This attenuator has a calibrated dial which indicates the attenuation value directly. A precision 10 turn, 75mm diameter helical drum scale provides high resolution and discrimination the attenuation range. Phase variation over the attenuation range is negligible.

Specifications

Model	Frequency Range (GHz)	VSWR (better than)	Maximum Insertion Loss (dB)	Maximum Power (Watts)	Dimensions (mm)					Weight (kg)
					A	B	C	D	E	
25114	49.9 – 75.8	1.2	1.0	0.15	100	116	72	45	30	0.735
26114	60.5 – 92.0	1.2	1.3	0.1	89	116	72	45	30	0.735
27114	73.8 – 112	1.2	1.5	0.07	89	116	72	45	30	0.740

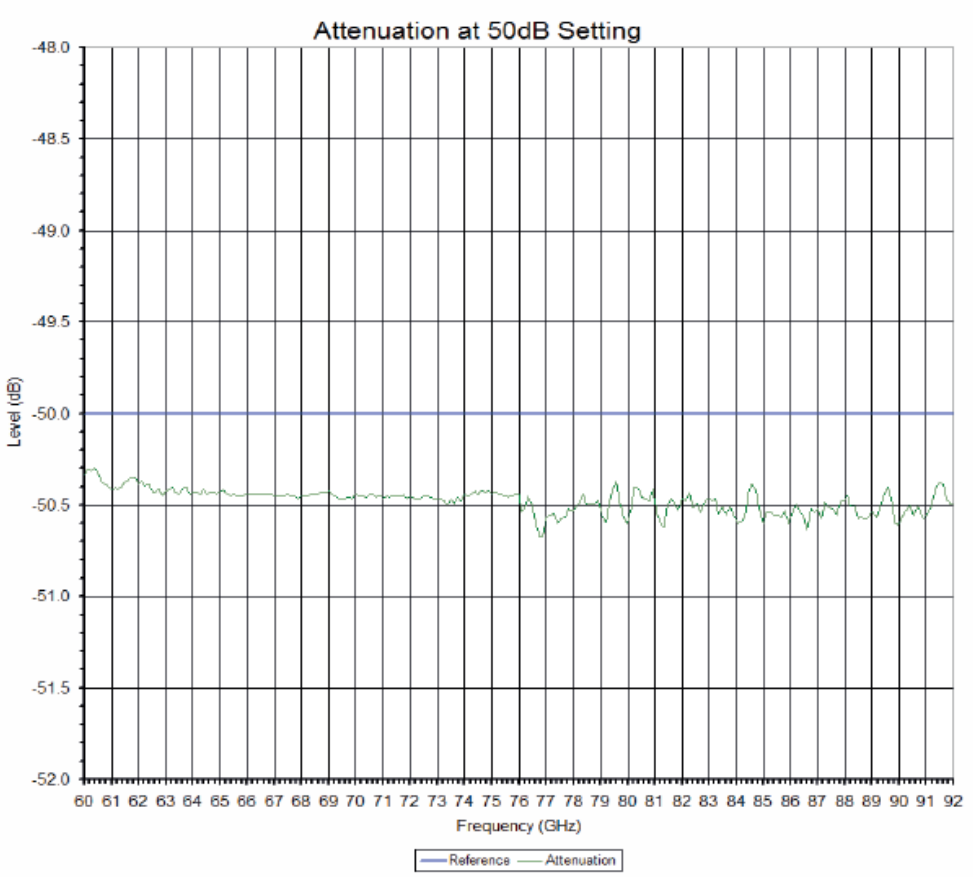
All ranges 0 dB to 50 dB with the following accuracy

	WG25 to WG27	WG25 to WG27
Attenuation Accuracy	0 dB to 40 dB	40 dB to 50 dB
	0.1 dB or 3% whichever is greater	2.5 dB Max

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Typical Attenuation



Related Products

Series 110:	Precision Rotary Vane Attenuators
Series 620:	Programmable Attenuators
Series 624:	System Attenuators

Custom Design

Combined rotary vane attenuator and rotary vane phase changer units are also available; these units are usually coupled at the circular waveguide section thereby minimising mismatch errors at low attenuation settings.
Please contact the sales team for more information sales@flann.com

Ordering Information

Model	Series	-	Flange
WG25 – WG27	114		See flann.com

Environmental Specification

Operating temperature range: +5 to +35 °C

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