# Weinschel Engineering DS-109 Double Stub Tuner



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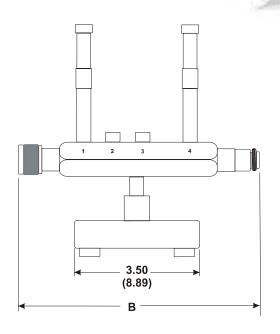
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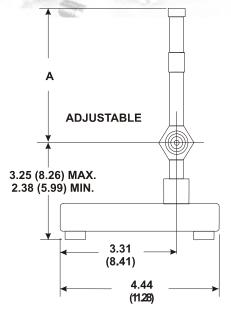
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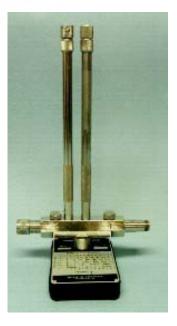
### **Double Stub Tuner**

### **MODEL DS-109**

#### 40 MHz = 13 GHz







# Specifications

Nominal Impedance: 50 ohms

**Matching Range:** From 7:1 to 1.00 within tuner frequency range.

Dimensions:

Model No.	DIM "A" *	DIM "B"
DS-109	18.50 (46.49)	7.38 (18.75)
DS-109L	32.50 (82.55)	7.38 (18375)
DS-109LL	63.25 (160.66)	12.00 (30.48)

Model	DS-	DS-	DS-
No.	109	109L	109LL**
Frequency	0.75 – 13.0	0.4 – 4.0	0.2 – 2.0
	GHz	GHz	GHz
Length of Stub	70.5 cm.	38cm.	53 cm.
Net Weight	5 lbs.	6 lbs.	12 lbs.
	(2.56 kg)	(2.73 kg)	(5.45 kg)
Shipping	8 lbs.	9 lbs.	15 lbs.
Weight	(3.64 kg)	(4.38 kg)	(6.82 kg)

**Connectors:** Tuners are equipped with close tolerance, stainless steel Type N, one male, one female, for long life with minimum wear.

#### **Construction:**

- \* Stub height is adjustable, maximum value given
- \*\* Two pedestals are used for DS-109LL

Note: Dimensions are given in mm (inched). Dimensions are maximum unless otherwise specified



## **WEINSCHEL ASSOCIATES**

WEB: http://www.WeinschelAssociates.com EMAIL: sales@WeinschelAssociates.com

Version 1.0.1

Specification Subject to change without notice

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