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## *Product Note No 9A*

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### **UHF to Ku Band Programmable Tuner Model 304-CK**

The coaxial programmable tuner, model 304-CK operates from 400 MHz to 18 GHz in two bands: 0.4 to 3 or 4 GHz (depending on option selected) and 3 to 18 GHz. Each band uses a different RF probe that can be exchanged manually by the User. The 304-CK tuner generates reflection factor in excess of 0.82 (VSWR=10:1) in the whole band and 0.9 (VSWR=19:1) in major parts of it.

#### **Tuner Characteristics**

	<u>Overall</u>	<u>Band 1</u>	<u>Band 2</u>
Frequency Range	0.4 - 18 GHz	0.4 - 3(4) GHz	3 - 18 GHz
VSWR min	1.2:1	1.05:1	1.2:1
VSWR max	10:1 (19:1)		
RF Connectors	GPC-7 mm or N		
Size	17 x 6 x 5 inches		
Weight	7.3 kg		
RF resetability	55 dB min		
Power Handling	Limited by Connector type: Typical 100 W CW, 1kW Peak (GPC-7), 300 W CW, 1kW Peak (N) @ 900 MHz and VSWR > 6:1		