

Low Frequency Tuner

General

The Focus iLFT-008004 Intelligent Electro-mechanical Computer Controlled Short Wave Tuner represents a breakthrough in tuner technology. The iLFT is the first tuner designed for sub-100 MHz operation with a working bandwidth between 20 and 40 MHz. Because there is virtually no vibration, the iLFT is ideally suited for on-wafer applications. Additionally, the iLFT will calibrate in under two minutes per frequency. The iLFT makes use of Focus' proprietary TCP/IP capable iTuner technology with built in microprocessor and command language, allowing tuning to any interpolated impedance within the tuning range with a typical accuracy of 40dB or better. As such, the iLFT-008004 can be used with Focus' software or independently by using the Focus ActiveX control.



Specifications

Frequency Range (GHz)	0.04 - 0.08
Insertion Loss (dB)	0.401
Repeatability (min, dB)	40
Repeatability (typical, dB)	30

Power Handling	See Table 1
Tuner Weight (lbs)	
Shipping Weight (lbs)	
Size	See Dimensions

Model	Connector Type	Power Handling (W, CW) ³	Length A (in)
iLFT-008008	Ν	90	12.75

Power Supply Specifications Input (AC) 100-240V, 1.8A

Output (DC) 12V, 5A



Dimensions



Measured at 40 MHz, probe withdrawn
Includes packaging and accessories
Measured at 10:1 VSWR



Typical Point Distribution



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