

MOTOROLA HF-SSB Automatic Antenna Tuners

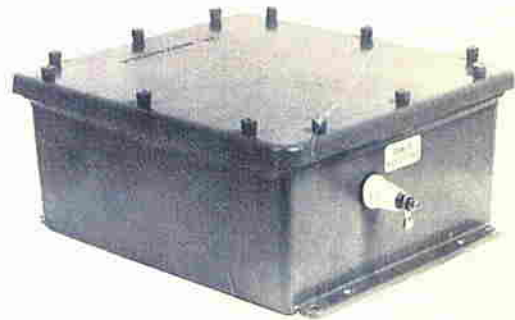
2-18 MHz, 2-30 MHz

Modele T1959B, T1961B, T1962B, F2259A, F2260A



LIGHT/COMPACT

Modele F2261A, F2262A



HEAVY DUTY

Service Manual

68P02926G25-0



MOTOROLA INC.

**Communications
Sector**

MOTOROLA HF-SSB Automatic Antenna Tuners

2-18 MHz, 2-30 MHz



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Service Manual

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MODEL COMPLEMENTS

T1959B Light Compact Mobile Tuner, 2-18 MHz

TLA1132B Antenna Base Tuner

TKN8123A Cable Kit (17 feet)

TKN8119A Matching Harness

T1961B Light Compact Marine Tuner, 2-18 MHz

TLA1152B Antenna Marine Tuner

T1962B Light Compact Marine Tuner, 2-9 MHz

TLA1162B Antenna Marine Tuner

F2260A Light Compact Mobile Tuner, 2-30 MHz

FLN1667A Antenna Base Tuner

TKN8123A Cable Kit (17 feet)

TKN8119A Matching Harness

F2259A Light Compact Marine Tuner, 2-30 MHz

FLA1632A Antenna Marine Tuner

F2261A* Heavy Duty Marine/Land Base Station Tuner, 2-18 MHz

TLA6102A RF Board

FHN5513A Antenna Tuner Housing

FBN5521A Antenna Tuner Packing

F2262A* Heavy Duty Marine/Land Base Station Tuner, 2-30 MHz

FLA1603A Antenna Tuner

*Cable kit TKN8120B (30 feet) or TKN8121B (100 feet) must be ordered.

KIT BREAKDOWNS

TLA1132B Antenna Base Tuner

TLA1102A Antenna Tuner

FBN5507A Packing

TLA1152B Antenna Marine Tuner

TLA1102A Antenna Tuner

FBN5507A Packing

TLA1102A Antenna Tuner

TLA6102A RF Board

THN6410A Housing

TLA1162B Antenna Marine Tuner

TLA1112A Antenna Tuner

FBN5507A Packing

TLA1112A Antenna Tuner

TLA6112A RF Board

THN6410A Housing

FLN1667A Antenna Tuner

FLN1668A Antenna Tuner

FBN5507A Packing

FLN1668A Antenna Tuner

FLA5502A RF Board

THN6410A Housing

FLA1632A Antenna Tuner

FLA1642A Antenna Tuner

FBN5507A Packing

FLA1642 Antenna Tuner

FLA5502A RF Board

THN6410A Housing

FLA1603A Antenna Tuner
FLA1604A Antenna Tuner
FBN5521A Packing

FLA1604A Antenna Tuner
FLA5502A RF Board
FHN5513A Housing

ACCESSORIES

TKN8120B Cable Kit, 30 feet
TKN8121B Cable Kit, 100 feet

Mobile Light Compact

Specifications

Models	T1959B	F2260A
Frequency range	2-18 MHz	2-30 MHz
Antenna length	8-16 feet (up to 60 feet)	8-16 feet (up to 60 feet)
Lead-in length from antenna to tuner	1 foot (mobile installation)	1 foot (mobile installation)
Cabling	Model TKN8123A, supplied with the tuner	
Ground lead	1" wide copper strap. Length 1 foot or less between tuner and ground system.	
Power requirements	12 V dc at 1.4 A maximum	
Power handling capability	125 W PEP maximum	
Tuning time	One second typical, 2.5 seconds maximum	
Housing	Weather-resistant housing with all stainless-steel hardware. All connections are made externally without removing the cover.	
Ground system requirements	Requires suitable low-resistance ground connection to steel hull or sufficient ground plane.	
Dimensions, H x W x L	14.2" x 3.6" x 9" (36 cm x 9.1 cm x 22.9 cm)	
Weight	5.5 lbs (2.5 kg)	
Accessories	Model TKN8119A Mobile Antenna Matching Harness (supplied with tuner)	