

**526-90**

The Comprod 526-90 is a 1 inch 6 cavity VHF compact size mobile duplexer. Featuring low loss and temperature compensation over the range of -22 F to +140 F. The use of extruded aluminum cavities and solid shield copper jacketed inter-cabling assure excellent mechanical and electrical stability.

- All units are field tunable and rated at 50 watts continuous duty with a maximum VSWR of 1.5: 1 over the entire tuning range.
- BNC connectors are standard.
- Variations on connectors and mountings are available on special order.

**Ordering info: 526-90 \*1** (144-165 MHz), **526-90\*2** (160-174 MHz)

Electrical Specifications	526-90
Frequency Range, MHz	144-174
Frequency Spacing Min., MHz	4.5
Cavity Number	6
Cavity Diameter, in	1.0
Max Continuous Power Input, Watts	50
Termination	BNC- Female
Insertion Loss, dB	
TX to Antenna	1.5
RX to Antenna	1.5
Channel Isolation, dB	
TX noise suppression at RX	70
RX isolation at TX	70
Max. Input VSWR (Ref. 50 Ohm)	1.5:1
Temperature Range, °C	-30° to +60°C
Mechanical Specifications	526-90
Height, in (mm)	1.25 (31.8)
Width, in (mm)	6.19 (157.22)
Depth, in (mm)	4.125 (105)
Weight, lbs (kg)	1.5 (0.7)
Mounting Information	Shelf/Mobile



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