

FM 24-24

**AN/GRC-144
Radio Set**

NSN 5820-00-926-7356

Reference: TM 11-5820-695-12

General Information

The AN/GRC-144 is a general purpose FM tactical radio set which provides duplex operations. The radio set is primarily intended for use in a multichannel LOS communications system where difficult terrain or other considerations prevent the use of cable. The radio set is compatible with standard PCM multiplex equipment. The AN/GRC-144 can be used as a radio terminal or as a radio repeater.

Technical Characteristics

Frequency Range	4400 to 5000 MHz
Power Output	25 W
Power Requirement	120 V AC, 50 to 60Hz
Planning Range	80km (50mi)
Type of service	3000KF9W (PCM equipment only)
Weight	136kg (299 lb)

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