

**AN/FSC-9
Satellite Communications Terminal**

NSN: To be determined

Reference: To be determined

General Information

The AN/FSC-9 terminals have been used since the earliest days of military SATCOM. Two of these terminals were built and much of the research leading to the development of all present SATCOM systems (commercial and military) was conducted using these two terminals. The AN/FSC-9 terminal at Camp Roberts, California, is the only AN/FSC-9 terminal in operation and provides communications via satellite from the Pacific area to the continental United States (CONUS).

Technical Characteristics

Type of Service	500000KF9W (multilink, multivoice, and data)
Frequency Range:	
Transmit	7.9 to 8.4 GHz
Receive	7.25 to 7.75 GHz
Planning Range	16.093 km (10,000 mi)
Power Input	115/230 V AC, 50 to 60 Hz
Power Source	Any appropriate AC power source
Power Output	Up to 20 kW
Antenna System	Paraboloid surface, 18.29 m (60 ft) in diameter, weight 172.3 MT (190 t)

FM 24-24

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