

AN/GSC-52
Medium Satellite Communications Terminal

NSN: 5895-01-168-9607 (AN/GSC-52(V)1)
5895-01-174-0272 (AN/GSC-52(V)2)

Reference: TM 11-5894-1196-13-1
TM 11-5894-1197-13-1

General Information

The AN/GSC-52 is a high-capacity, SHF SATCOM system capable of simultaneous transmission/reception of up to 18 transmit and receive carriers. Each carrier can accommodate CW, pulse modulated (PM), FM, FDMA or SSMA signals. The terminals are provided in either a fixed or mobile configuration.

Technical Characteristics

Frequency Range:	
Transmit	7.9to 8.4 GHz
Receive	7.25 to 7.75 GHz
Power input	120/208 V AC 50/60 HZ
Power Source	Commercial or two 50kW backup generators using UPS technology
Power output	1 kw
Antenna System	Parabolic 11.6 m (38 ft) in diameter OE-371/G Antenna

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