GCS Rugged Modem Case

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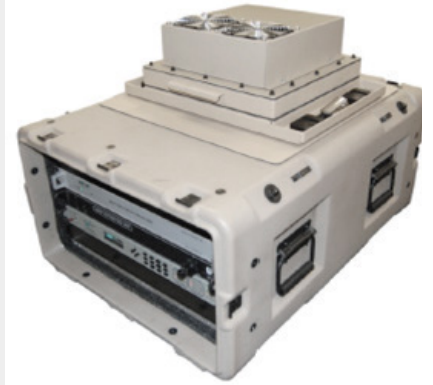### Self-Contained External L-Band Modem Case

The L-3 GCS Rugged Modem Case provides a transportable enclosure for external L-Band modems and associated equipment. The case is available as either an indoor or an outdoor configuration. The Indoor case is for use in environmentally controlled shelters and comes with an IFL to interface with the VSAT. Outdoor configurations feature an Environmental Control Unit (ECU) and custom sealed external interfaces allowing the case to be positioned outside next the VSAT. The outdoor case is tested to the same rigorous standards as our 810G certified VSATs.

L-3 has designed a custom L-Band Distribution interface that allows precise adjustment of L-Band levels to meet ARSTRAT requirements for WGS operation. This assembly is highly modular and can be configured to accommodate multiple modems along with a rubidium high stability reference and integrated spectrum analyzer.

System Features

- ☑ Indoor with IFL
- ☑ Outdoor with ECU
- ☑ Integrated spectrum analyzer

- ☑ 10/100/1000 switch
- ☑ Multiple modem configurations
- ☑ L-3 GCS L-Band distribution
- ☑ Rubidium high stability 10Mhz reference

MODEM INTEGRATION OPTIONS		
ViaSat EBEM, ViaSat Linkway, Comtech, MPM-1000 (other L-Band modems upon request)		
POWER		
	Indoor	Outdoor
AC	110-240VAC; 50/60 Hz	110-240VAC; 50/60 Hz
Consumption	300VA (Max)	500VA (Max)
IFL	100ft	25ft
MECHANICAL		
# of cases	1	2
System Weight	Indoor Modem Case: 80 lbs	ECU Case: 85 lbs Outdoor Modem Case: 80 lbs
Case Dimensions	Indoor Modem Case: 37.3 x 22.1 x 14.9 (inches)	ECU Case: 31.3 x 24.2 x 17.5 (inches) Outdoor Modem Case: 37.3 x 22.1 x 14.9 (inches)
ENVIRONMENTAL		
Temperature	0°C to +40°C	-32°C to +50°C
CERTIFICATIONS		
	ARSTRAT	MIL-STD-810G, ARSTRAT

GCS Rugged Modem Case - L-Band - VSAT