

View Online at <https://aerobasegroup.com/nsn/5996-01-502-1375>

Overall Length:

12.000 inches

Overall Height:

5.500 inches

Overall Width:

4.500 inches

Environmental Protection:

Watertight

Individual Section Quantity:

1

Shock Resistance Rating In Gravitational Units:

15.0

Average Life Measurement:

Not rated

End Application:

An/tsq-13 (v) control and comm subsys

Basic Shape Style:

Rectangular or square

Inclosure Type:

Encased

Installation Design:

Portable

Circuit Construction Type:

Solid state

Frequency Per Channel:

243.0 megahertz input channel err-100 and 270.0 megahertz input channel err-100 and 291.0 megahertz output channel err-100 and 318.0 megahertz output channel err-100

Average Power Rating Per Channel:

40.0 watts output

Signal Data Type Per Channel:

Operating channel radio frequency

Features Provided:

Internal battery accommodation

Product Name:

Inavy: uhf satcom power amp; cage: 40 watt satcom tranportable amp, configured for operation with arc-210 (added external rx connector)

Special Features:

Configured for operation with arc-210 (added external rx connector); case-transportable; 40 watts of rf output power into a 2: 1 vswr load under alltemp. And load conditions; also amplifies rf signals from a satellite antenna in the receive direction; internal transmit/receive switch; dc/dc power supply; automatic/manual los bypass mode; pa/pre-amplifier is remotable to 300 ft via a single coaxial connection; accomodates all psk/fsk moculation techniquis and tdma/dama formats

Supplementary Features:

Includes ac/dc power supply: 8 in. W x 2.6 in h x 2.6 h x 11 d) and remote control unit (3.6 in w x 5.0 h x 2.8 d) that allows operator control of output power levels, receive power levels, satcom/los control and displays rcu and amp status and operating time; remote powered by either 28 vdc mil-std-1275a or 110/220 vac universal power source

Shelf Life:

Demilitarization:

Yes - demil/mli

Fig:

A32200