

View Online at <https://aerobasegroup.com/nsn/7035-01-516-5461>

Overall Length:

20.000 inches

Overall Height:

1.750 inches

Overall Width:

19.000 inches

Ac Voltage Rating:

Between 90.0 volts and 250.0 volts

Frequency Rating:

125.0 kilohertz

Electrical Power Source Relationship:

Alternate operating

Output Frequency Bandwidth:

Between 7.9 kilohertz and 8.4 kilohertz

Unpackaged Unit Weight:

18.000 pounds

Mounting Method:

Rack

Product Name:

Upconverter

Special Features:

Connectors rf sma female, rf monitor sma female, if bnc female, if monitor bnc female, lo monitors sma female, alarm de-9p, external reference bnc female, remote interface de-9s for rs485, rs422 and rs232, ieee-488 receptacle for gpib, primary power input iec-320, redundancy bus, option 1 only, db-25s; frequency 70 porm 20 mhz; impedance 75 ohms; return loss 70 porm 20 mhz 26 db min, 140 porm 40 mhz 20 db min; signal monitor m20 dbc nom; input level, nondamage, p20 dbm max; impedance 50 ohms; return loss 70 prom 20 mhz 20 db min, 140 porm 40 mhz 20 db min; signal monitor m20 dbc nom; power output p10 dbm min at 1 db compression point; gain p30 db min; noise figure 20 db typical, 25 db max

Functional Description:

Designed for advanced satellite communication systems; phase noise, amplitude flatness and spurious outputs have been optimized to provide the user with a transparent frequency conversion; supports powerful local and remote control; a continuously updated log of time-stamped records of activity; can operate stand alone or can be arranged in a redundancy configuration without the need for a dedicated switch control unit

Supplementary Features:

Environmental operating ambient temp 0-50 degrees c, relative humidity up to 95 pct at 30 degrees c, atmospheric pressure up to 10,000 feet; nonoperating ambient temp m50-70 degrees c, relative humidity up to 95 pct at 40 degrees c, atmospheric pressure up to 40,000 feet, shock and vibration normal handling by commercial carriers; image rejection 80 db min; level stability porm 0.25 db/day maximum at constant temp; amplitude response 70 porm 20 mhz porm 0.25 db/porm 20 mhz, porm 0.20 db/porm 18 mhz; 140 porm 40 mhz 0.75 db/76 mhz

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig: