

View Online at <https://aerobasegroup.com/nsn/7025-01-516-5459>

**Overall Length:**

20.000 inches

**Overall Height:**

1.750 inches

**Overall Width:**

19.000 inches

**Product Name:**

Downconverter

**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; impedance 50 ohms; return loss 20 db min; 140 porm 40 mhz 20 db min; signal monitor m20 dbc nom; lo leakage m80 dbm maximum input level, nondamage, p20 dbm max; impedance 75 ohms; return loss 70 porm 20 mhz 20 db min, 140 porm 40 mhz 20 db min; signal monitor m20 dc 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 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; noise figure 12 db max; rf frequency 3.4-4.2 ghz

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

A23900