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## Constellation SF-2 Chassis

### Advantages

- ✓ Modular Design
  - RF Isolated
  - Standard Sizing
  - Hot Swappable
- ✓ DC Power Distribution
  - Fully Redundant
  - Universal Input AC Power
  - 24 VDC / 100 Watts
  - Short Circuit Protection
  - Overload Protection
- ✓ 10 MHz Reference Distribution
  - Single Reference Input
  - Isolated to each slot
  - Distributed to each slot
  - Short Circuit Protection
  - Fully Redundant Power
  - Other Voltages Available

### Details

The Constellation SF-2 Chassis gives teleport and ground station operators unparalleled control, dependability, and monitoring in a small footprint. The SF-2 Chassis features network grade DC power sources for each of the independent Constellation module slots. The SF-2 Chassis can provide up to 50W of 24V DC power and distributes a 10 MHz reference clock to each of the module slots. The Constellation module slot has been mechanically and electrically designed to achieve 60dB of isolation at L-Band. The chassis can house up to 2 Constellation Modules to meet your needs for today while giving you expandability and flexibility for the future.

# Constellation SF-2 Chassis

AC Operation	Min	Typical	Max
Input Power	0	-	180 Watts
Input Voltage	90 Volts	115/230 Volts	264 Volts
Operation Frequency	47 Hz	50/60 Hz	63 Hz
Input Power Protection	-	4 Amps	-

DC Operation	Min	Typical	Max
Card Output	-	24 Volts	-

10 MHz Ref Frequency	Min	Typical	Max
Input Power	-	+15 dBm	+30 dBm

Environmental	Min	Typical	Max
Operating Temperature	-10 °C	-	+70 °C
Operation Humidity (non-condensing)	5%	-	90%

