



Constellation SF-12 Chassis

Advantages

- ✓ Modular Design
- ✓ 12 SFusion Module Slots
 - RF Isolated
 - Standard Sizing
 - Hot Swappable
- ✓ DC Power Distribution
 - Fully Redundant
 - Universal Input AC Power
 - 24 VDC / 600 Watts
 - Short Circuit Protection
 - Overload Protection
- ✓ 10 MHz Reference Distribution
 - Single Reference Input
 - Short Circuit Protection
 - Fully Redundant Power
 - Other Voltages Available

Details

The Constellation SF-12 Chassis gives teleport and ground station operators unparalleled control, dependability, and monitoring in a small footprint. The Constellation SF-12 Chassis features double redundant network grade DC power sources for each of the independent Constellation module slots. The Constellation SF-12 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 12 Constellation Modules to meet your needs for today while giving you expandability and flexibility for the future.

Constellation SF-12 Chassis

Environmental	Min	Typical	Max
Operating Temperature	-10 °C	-	+70 °C
Operation Humidity (non-condensing)	20%	-	90%

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

AC Operation	Min	Typical	Max
Input Power	0	-	600 Watts
Input Voltage	85 Volts	115/230 Volts	264 Volts
Operation Frequency	47 Hz	50/60 Hz	440 Hz
Input Power Protection	-	10 Amps	-

DC Operation	Min	Typical	Max
Card Output		24 Volts	

Modules	Min	Typical	Max
Number of Modules	1	-	12
Slot Isolation	60 dB	-	-

