

CANTADA



Constellation SE-12 Chassis

Advantages

- ✓ Modular Design
- ✓ 12 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
- ✓ 10MHz Reference Distribution
 - Single Reference Input
- ✓ Compliance
 - EN55024:2010
 - EN55032:2015
 - FCC Part 15 Class B

Details

The Constellation SE-12 Chassis gives teleport and ground station operators unparalleled control, dependability, and monitoring in a small footprint. The Constellation SE-12 Chassis features double redundant network grade DC power sources for each of the independent Constellation module slots. The Constellation SE-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 the needs of today with providing expandability and flexibility for the future.



Constellation SE-12 Chassis

Specifications

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	-	-

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MADE IN THE USA

