2017-1111-345 Up/Downconverter, L-BAND, 345 ± 105 MHz IF

The 2017-1111-345 L-band Up/Downconverter converts 345 ± 105 MHz to 0.95-1.16 GHz (Up) and 0.95-1.16 GHz to 345 ± 105 MHz (Down). Multi-function switches select the gain (upconverter 0 to +30 dB; downconverter 0 to +30 dB), and other parameters. Front panel LEDs provide indication of DC power (green), PLL alarm (red), remote operation (yellow), and Upconverter mute (yellow). Remote operation allows selection of gain and external 10 MHz reference (option E). Gain settings appear on the LCD display. Connectors are BNC female for the IF, RF (SMA and N optional) and optional external reference input and output (option E). A high stability (±0.01 ppm) option (H) is also available. It is powered by a 100-240 ±10% VAC power supply and housed in a 1.75" X 19" X 16" 1RU chassis.

Front and Rear Panel (Shown with options E, W8)

### Available Options
- **E** - External 10 MHz ref in & out;
- **H** - High Stability (±0.01 ppm) int. ref.

**Remote M&C Interfaces:**
- 0 - RS485/422
- W - Ethernet; w/Web Browser (WB)
- W18 - Ethernet; w/WB & SNMP
- W28 - Ethernet; w/TCP/IP, Telnet
- W28 - W18 + W28

**Connectors/Impedance**
- D - 50Ω BNC (RF), 50Ω BNC (IF)
- N - 50Ω N-type (RF), 75Ω BNC (IF)
- N N- 50Ω N-type (RF), 50Ω N-type (IF)
- M - 50Ω N-type (RF), 50Ω BNC (IF)
- S - 50Ω, SMA (RF), 50Ω BNC (IF)
- SS- 50Ω, SMA (RF), 50Ω SMA (IF)

**Contact Cross for other options**