



## LS-16A-R1-24SPLUSC Rack Mount Switchable Multicoupler With Programmable Amplitude Balance Data Sheet

The Lumistar LS-16A-R1-24SPLUSC has the following performance specifications:

### 2 IN X 4 OUT // 1 IN X 8 OUT Multicoupler

- Frequency Range: P, Lower/Upper L, S & C bands
  - 300-1150 MHz, 1425-1850 MHz,
  - 2200-2400 MHz, 4400-5250 MHz
- Gain: 0 to 3 dB
- Output Adjustment (each): Ethernet Control, 0.25 dB steps
- Noise Figure: 5 dB typical, 7 dB maximum
- Output P1dB Compression: >0 dBm
- Isolation (output to output): 50 dB minimum
- Input VSWR: 1.5:1 max, 1.3:1 typical
- Output VSWR: 1.5:1 max, 1:3: typical
- Impedance (input/output): 50 ohms
- Excellent Linearity
- RF Inputs: 2
- RF Outputs per Input: 4
- RF Outputs: Switchable for First Channel only: 8
- Channel 1, Channel 2 Selection Front Panel Switch
- Power Requirements: 90-260 VAC, 47-66 Hz
- Connectors: Type N-Female, 2 IN, 8 OUT
- Operating Temperature: 0 to +50 deg. C
- Non-Operating Temperature: -20 to +70 deg. C
- Operating Humidity: 0 to 95% (Non-condensing)
- Non-Operating Humidity:
  - Protect from moisture and contamination
- Size: 19" W x 1.75" H x 12" D
- Weight: 15 lbs. max.
- Power Supply: 115 V/230 V (Auto-sensing)
- Rack Mount Slides: Included

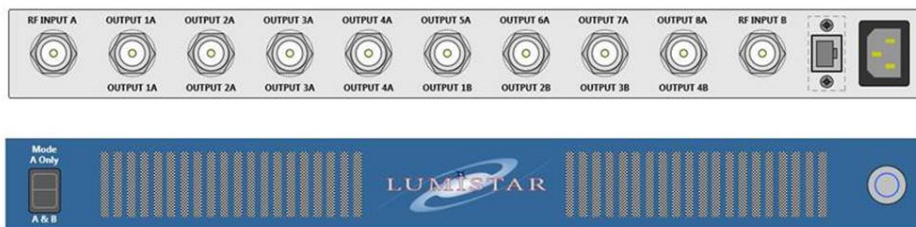


**LS-16 Series Multicoupler, Front View**



**LS-16 Series Multicoupler, Rear View**

### LS-16 Series Multicoupler – Front and Rear Elevation



Lumistar, Inc.

3186 Lionshead Ave, Suite 100

Carlsbad, CA 92010

PHONE: 760-431-2181

FAX: 760-431-2665

EMAIL: [sales@lumistar.net](mailto:sales@lumistar.net)

<http://www.lumi-star.com>

*Specifications are subject to change. Please verify the latest specifications at time of order.*

10-1-24