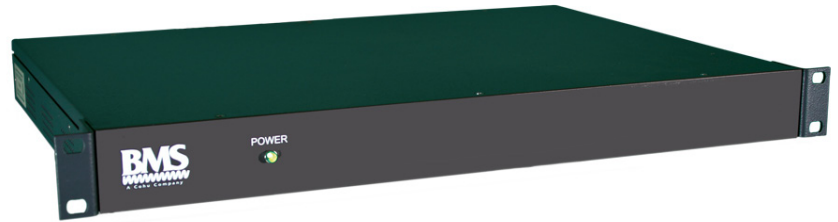


# BDCx000-6

## 1 RU Block Downconverter



### > Applications

- Digital Electronic News Gathering
- Live Events
- Fixed, Permanent Operation

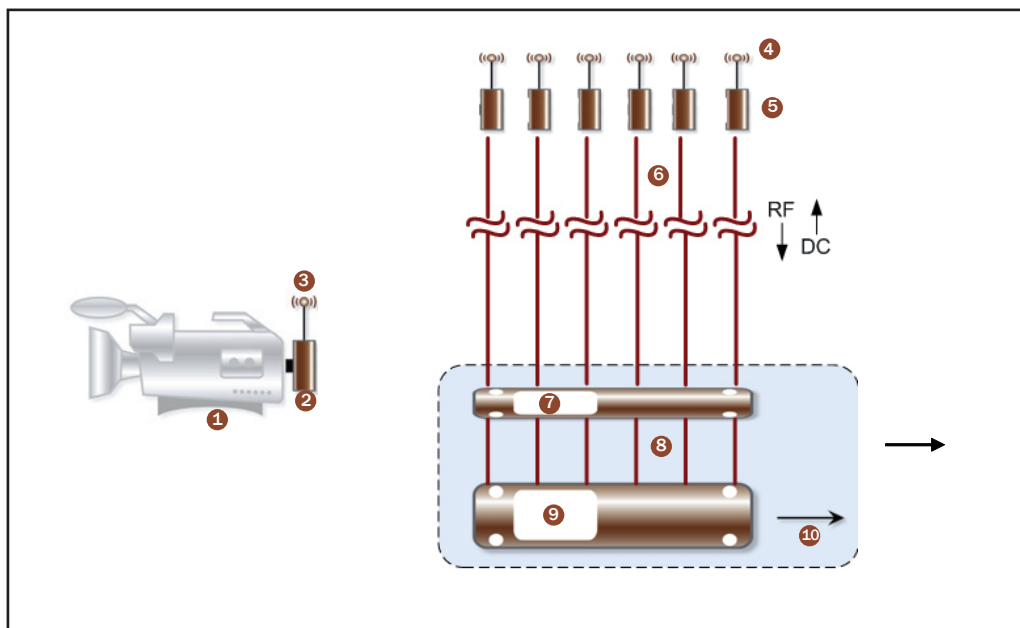
### > Benefits

- Compact Size
- 6x BDC in 1 Rack Unit
- Wide Frequency Range: 2.0 - 2.7 GHz (BDC20006-6) and 6.4 - 7.1 GHz (BDC6000-6)
- Switchable Filter: 2.0 to 2.1 GHz (others on request)
- High IP3

### > Features

Providing high performance DENG reception has become increasingly challenging within today's congested frequency bands. A key differentiator of first class equipment is the ability to achieve very high levels of sensitivity and maintain this performance when operating close to other higher powered transmitters using similar frequencies. BMS' BDCx000-6 Block Downconverter features a compact 1 RU chassis with six integrated block downconverters.

## > BDCx000-6 Block Downconverter



### Description

1. Camera
2. Transmitter
3. TX Antennas
4. RX Antennas
5. LNA
6. RF/DC Cable
7. BDC x000-6
8. UHF Cable
9. Diversity Receiver
10. Signal Output

## > Inputs/Outputs

6x N (m)	RF in	RF input	50 $\Omega$
6x F (f)	UHF out	UHF output	75 $\Omega$

## > Technical Specifications

Configuration	6x RF input and 6x UHF output
Indicator	Green: Power status
Frequency Input	2.0 - 2.7 GHz; 6.4 - 7.1 GHz
Frequency Output	167 to 867 MHz
Local Oscillator	1833 MHz
Signal Gain	+32dB
IP3	35dBm
Power Input	16 - 24 VDC (via Coax Cable)
Consumption	20 W
Temperature	-30 to +60°C (-22 to +140°F)
Relative Humidity	5 to 95%
Dimensions (W x D x H)	BDCx000-6 17.3 x 70 x 33 mm (8.07" x 10.83" x 1.73")
Weight	BDCx006 without bracket: 1.76 lbs (0.8kg)