

BM 4 DSB MODULATOR

COBHAM

For four (4) S-Channels - Cassette Module

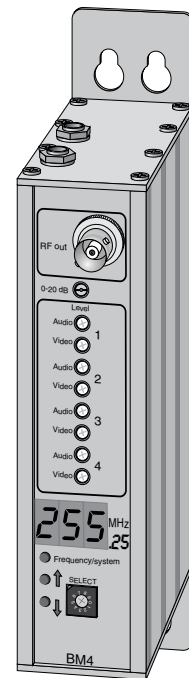
2014 Product Sheet

The most important thing we build is trust

The BM 4 contains 4 individual units of DSB (Double Side Band) S-band TV modulator designed for operation in the frequency range of 245.25-463.25 MHz in PAL B/G, D/K, I, and NTSC M/N systems.

Significant for this modulator is, that each or every of the four units can be programmed with different TV systems individually.

High adjustable output levels are significant for this unit and input. The input video and audio signal can be adjusted individually. The front panel control switches enable an easy adjustment of output frequency. All pluggable connectors for video, audio and RF outputs are placed at the front panel for best possible accessibility. The module can be installed into a Cassette Amplifier System or separately.



TECHNICAL SPECIFICATIONS

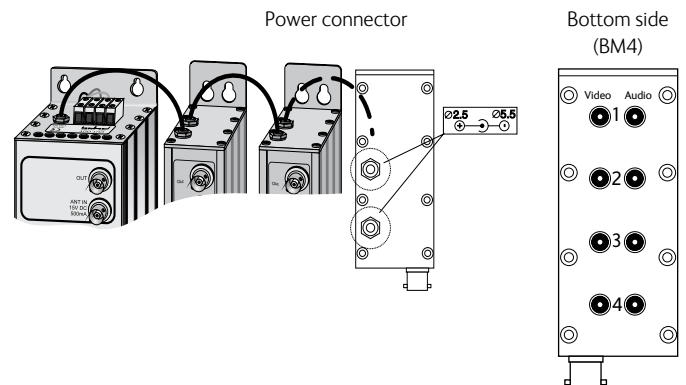
| TECHNICAL SPECIFICATIONS | |
|--------------------------------------|-------------------------------|
| Frequency range | |
| Normal operation | 245.25-447.25 MHz (S13-S39) |
| with reduced output level | 455.25-463.25 MHz (S40 / S41) |
| Output level | |
| 245.25-447.25 MHz (S13-S39) | min 80 dB μ V (S13-S39) |
| 455.25-463.25 MHz (S40 / S41) | 78 dB μ V (S40 / S41) |
| Spurious output | <-60 dBc |
| Harmonics | <-60 dBc |
| Attenuation impedance | 0-20 dB |
| Output impedance | 75 Ω |
| Video | |
| Impedance | 75 Ω |
| Level | nominal 500 mVpp |
| Audio (mono) | |
| Impedance | >10 k Ω |
| Level | nominal 500 mVrms |
| Pre-emphasis, mono | 50 μ s |
| Electrical | |
| Supply voltage | 24 VDC \pm 10% |
| Current consumption | 200 mA \pm 10% |
| Connectors | |
| Video in | RCA Connector Female |
| Audio in | RCA Connector Female |
| RF out | 75 BNC Female |
| DC Connector | Upper gable |
| General | |
| EMC | EN 60945:2002, EN50083-2 |
| Operational temp. range | -25 to +55°C |
| Net Weight: | 0.47 kg |
| Dimensions (Length x Width x Height) | 96 x 41 x210 mm |

ORDERING INFORMATION

| P/N | Description |
|--------|--|
| 250147 | BM 4 DSB Modulator for four (4) S-Channels |

PACKAGE DETAILS

| P/N | Type of Package | Net Weight (kg) | Gross Weight (kg) | Dimensions, Primary Pack (LxWxH cm/Vol. m ³) |
|--------|-----------------|-----------------|-------------------|--|
| 250147 | Carton | 0.47 | 0.52 | 12x4.5x23 cm/0.001242 m ³ |



For further information please contact:

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