

## MODULATOR FOR ANALOG MICROWAVE LINK MOD 70

The OMB modulator **MOD 70** is part of a TV modulation-demodulation system, which enables the transmission of 1 video and 2 audio signals through a microwave path (together with the corresponding up/down converters). The 70MHz output signal comes with electrical voltage to feed the down converter module.



### GENERAL CHARACTERISTICS

|                               |                              |
|-------------------------------|------------------------------|
| TRANSMISSION CAPACITY         | 1 video and 2 audios         |
| IF OUTPUT                     | 70MHz                        |
| IF INPUT/OUTPUT LEVEL         | 0dBm $\pm$ 5dB               |
| IF IMPEDANCE                  | 50 $\Omega$                  |
| AUDIO INPUT LEVEL             | +9dBm maximum                |
| AUDIO INPUT IMPEDANCE         | 600 $\Omega$ unbalanced      |
| AUDIO INPUT CONNECTOR         | XLR(F)                       |
| AUDIO SUB-CARRIER FREQUENCIES | 7.02, 7.5MHz                 |
| AUDIO SUB-CARRIER MODULATION  | $\pm$ 300KHz                 |
| AUDIO MODULATION              | $\pm$ 75KHz                  |
| VIDEO OUTPUT LEVEL            | 1Vpp                         |
| VIDEO IMPEDANCE LEVEL         | 75 $\Omega$                  |
| VIDEO OUTPUT SWR              | <-30dB                       |
| VIDEO PRE-EMPHASIS            | CCIR (Rec. 405-1)            |
| VIDEO MODULATION              | $\pm$ 4MHz                   |
| AUDIO OUTPUT LEVEL            | +9dBm maximum                |
| AUDIO OUTPUT IMPEDANCE        | 600 $\Omega$ unbalanced      |
| AUDIO OUTPUT CONNECTOR        | XLR(F)                       |
| VIDEO OUTPUT CONNECTOR        | BNC(F)                       |
| RF OUTPUT CONNECTOR           | N(F)                         |
| POWER SUPPLY                  | Switching power supply       |
| DIMENSIONS                    | 2 standard rack units of 19" |
| WORKING TEMPERATURE RANGE     | -5 to +45°C                  |

\* The images and/or technical specifications are subject to change without previous notice.