



FSK M&C Modem

KEY FEATURES

- ◆ Works with any BUC equipped with M&C or FSK
- ◆ Transparent for IF, DC and 10MHz
- ◆ Field-exchangeable IF Connector
- ◆ RS-232 and optional USB data interface
- ◆ Universal powering options: 6-12 or 18-28VDC / 80-240VAC
- ◆ Built-in high stability 10MHz (optional)

AMFSK

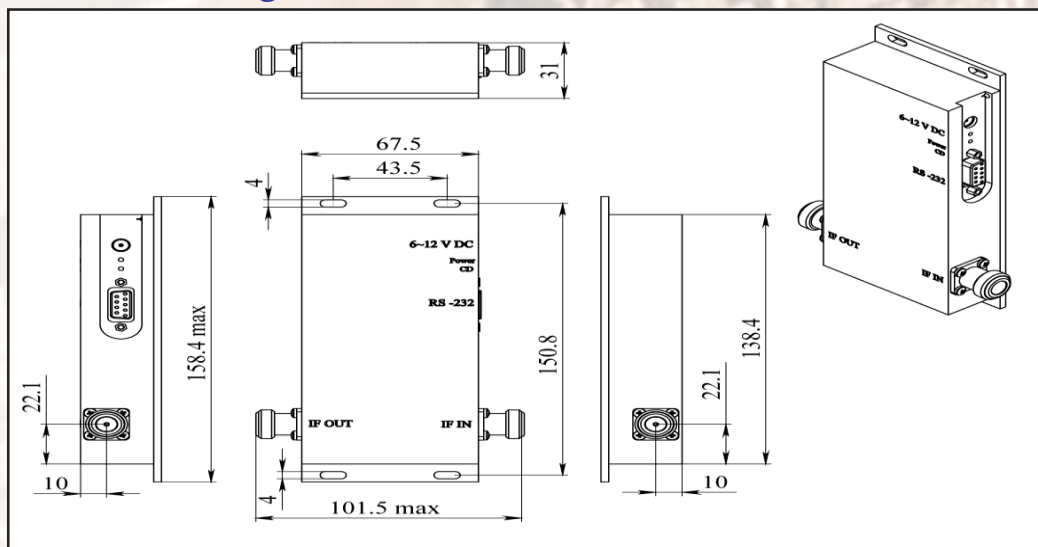


The unit is designed to enable any terminal, the satellite modem of which doesn't have FSK capability, to communicate with a BUC equipped with M&C or/and FSK functionality. AMFSK can work with any PC through RS-232 interface.

Specifications

Transmit frequency	650 KHz $\pm 5\%$
FSK deviation	± 60 KHz nominal (+60 KHz mark)
Deviation tolerance	± 50 KHz minimum; ± 70 KHz maximum
Output level	-5 to +5 dBm
Start tone	710 KHz
Start tone time	10 ms minimum
Receive locking range	± 32.5 KHz
Input sensitivity	-15 dBm
Data interface	RS-232 or USB
Built-in 10MHz reference	10^{-8} stability

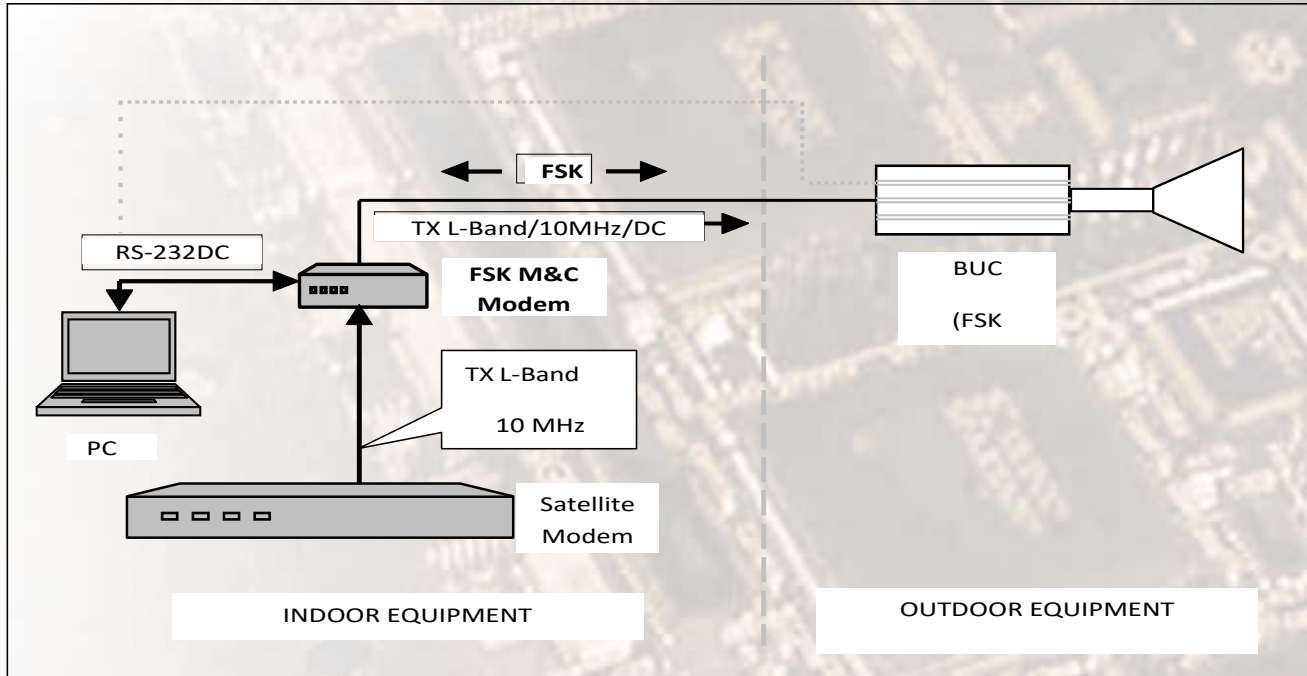
Mechanical Drawing





FSK M&C Modem

System configuration with FSK Modem (BUC with FSK Embedded)



System configuration with FSK Modem (BUC without FSK Embedded)

