



Frequency converter



APPLICATIONS

Three-channel microwave modules of ship complex "Mineral-ME" – frequency converters in frequency range I-E/F, G-E/F, D-E/F are designed to convert the amplified carrier frequency radiopulse signals to the base frequency range of E/F.

SPECIFICATION

Frequency range of input signals, GHz	0.83–9.5
Frequency range of output signals, GHz	2.72–3.58
Heterodyne frequency, GHz	4.41–12.22
Transfer factor, dB, no less	96
Isolation between channels, dB, no less	40
Frequency stability of output signals, MHz, no more	±1
Operating temperature range, °C	-40 – +55
Power consumption, V/mA	12/200
Overall dimensions, mm, no more	190x150x89 230x162x89