

Active Feed for Inmarsat 1525 – 1559 MHz

This Active Feed is designed for illuminate offset-dishes with f/d 0.6 and 40mm LNB mount as well parabolic-dishes with f/d 0.4 and additional mount brackets. Inside the weatherproof case is a very low noise 2-stages HEMT-FET amplifier, who boost up the signal from the antenna. The power for the amplifier will be feed trough the coaxial cable, so no external power cord will be need. A DC Inserter combine the DC power with RF signal from the LNA of the Inmarsat feed.



Further descriptions of the Inmarsat feed antenna, the Inmarsat LNA and the power inserter are in the detailed descriptions of the single products.

Technical Details

Antenna

Frequency range : 1525 – 1559 MHz
Gain (without dish) : 6.5 dBi
Polarisation : LHCP *
Return loss : > 15 dB (20 dB typ.)

* Dish mirrored the polarisation !

Other frequency range aviable on request.

LNA

Frequency range : 1525 – 1559 MHz
Gain : > 30 dB (35 dB typ.)
Noise Figure : < 0.4 dB
RF-connectors : N-female
Power (via inserter) : 12 V / 0,1 A

Feed Mount : Ø 40mm
Size (Radom) : Ø 240 x 150 mm
Weight : 1 kg