

LVA MSSR ANTENNA

M10 SR

HIGH-QUALITY
&
INNOVATIVE
MANUFACTURING



L-band
1.03–1.09 GHz



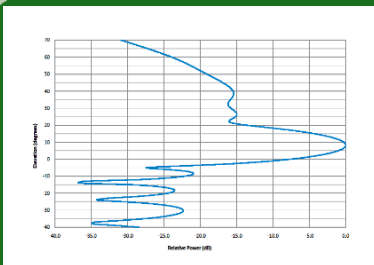
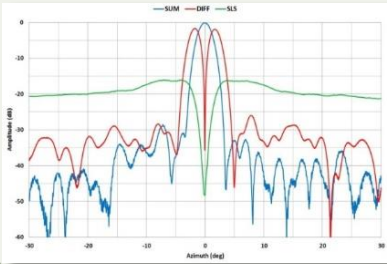
MAIN FEATURES

- High coverage in elevation
- Reduced cone of silence
- Low side and backlobes
- Sum, difference and omega channels
- Compliant with latest ICAO and EUROCONTROL standards
- Ease of maintenance

The supporting part the M10SR antenna is formed by a girder frame made of aluminum alloys. The interfacial point serving to attach the antenna to a base which may be either a rotating pedestal, or an upper edge of the primary antenna, is composed of a pair of interface flanges. Struts occurring on the antenna allow setting of the antenna in elevation; this is done by turning right- and left-hand thread nuts. Lugs are intended to be used for lifting the antenna by a crane.



LVA MSSR M10SR ANTENNA
CAN BE CO-MOUNTED
WITH RAMET PSR MORAVA
ANTENNA, OR PRIMARY
ANTENNAS OF OTHER
PRODUCERS



BASIC TECHNICAL PARAMETERS

Frequency range	1.03 – 1.09 GHz
Maximum gain	> 27 dB
Azimuthal beamwidth	2.4 ± 0.25 (-3 dB level)
Manual antenna tilt	-5°/+5°
Revolution speed	up to 15 RPM
Length/Width/Height	8350/860/1550 mm
Weight	680 kg

ANTENNA TILT
PROTRACTOR



INDEPENDENT REAR
RADIATOR TILT



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