

S-BAND PSR ANTENNA

MORAVA

HIGH-QUALITY
PRODUCT AT
REASONABLE PRICE



EUROCONTROL

S-band

2.7 – 2.9 GHz

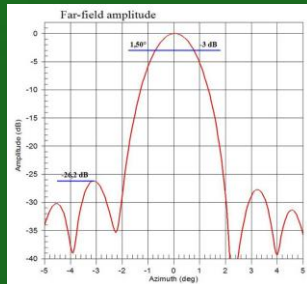
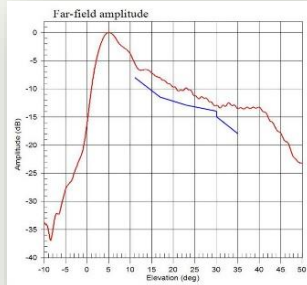


MAIN FEATURES

- Fully Compliant with ICAO and EUROCONTROL Requirements
- High Gain
- High and Low Radiating Beam
- Low Sidelobes
- Linear/ Circular Polarization Switching
- Weather Channels

The S-band PSR Antenna Morava is a time-proven, high quality design. The antenna has been installed and operated in many airports throughout the world. The primary antenna consists of a reflector and RF boom. The reflector bears a reflective surface made of aluminium mesh, whose tubular support structure also serves as the secondary antenna carrier and to which the RF boom is attached. The tubular structure of the antenna is welded from circular structural steel tubes. Two sheet metal flanges are welded at the top of the tubular structure to which the secondary antenna frame is welded.

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



BASIC TECHNICAL PARAMETERS

Frequency band	2.7 – 2.9 GHz
Low beam gain	> 34 dB
High beam gain	> 33 dB
Azimuthal beamwidth	1.3°
Elevation beamwidth	from 0.3° to 45°
Manual antenna tilt	-3°/+6°
Revolution speed	up to 15 RPM
Weight	800 kg

