

HSPA-42.23x-D

42 dBi High Performance Solid Parabolic Dish Antenna 21- 24.5 GHz

Key Features

- ◇ Deep reflector design for excellent front to back and side lobes suppression, resulting in increased interference immunity (satisfying EN 302-217-4-2 Class 3)
- ◇ Optimized to have maximum efficiency in the entire frequency band
- ◇ Easy installation and precise alignment
- ◇ Robust structure

Applications

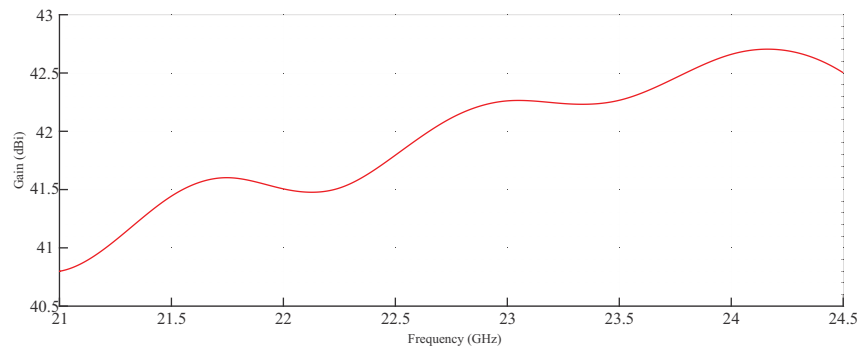
- ◇ Commercial and military applications
- ◇ Point-to-Point and Point-to-Multipoint topologies
- ◇ Long-range Directional transmission



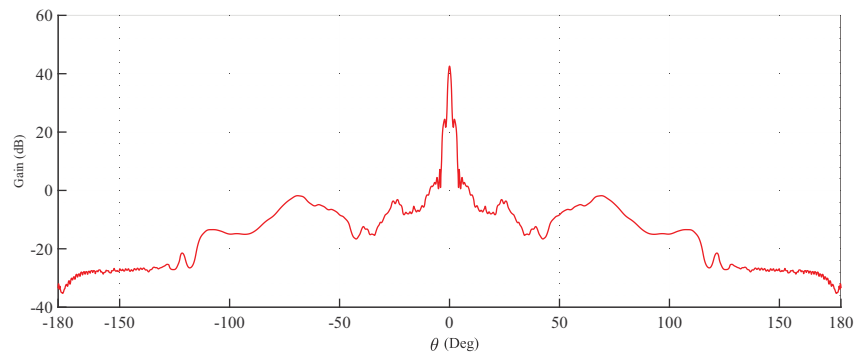
Electrical Specification				
Operating Frequency Band	GHz	21.0 - 22.6	22.6 - 23.8	23.8 - 24.5
Gain	dBi	41.5 ± 0.5	42.25 ± 0.25	42.5
Return Loss/VSWR	dB/-	20/1.22:1	22/1.17:1	18/1.28:1
Half Power Beamwidth	degree	1.2		
Front to Back Ratio (F/B)	dB	68		
Polarization		Dual		
Cross-Polarization Discrimination	dB	30		
ETSI Compliance		Class 3		

Mechanical Specification		
Diameter	mm	665
Weight	kg	5.5
Antenna Input		Waveguide
Shipping Dim.(L × W × H)	cm ³	70 × 70× 50
Wind Velocity, Operational	km/h	130
Wind Velocity, Survival	km/h	200

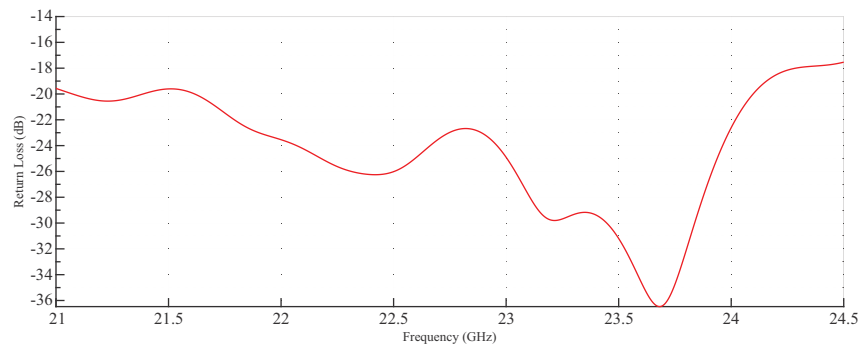
Gain



Pattern



Return Loss



Drawing

