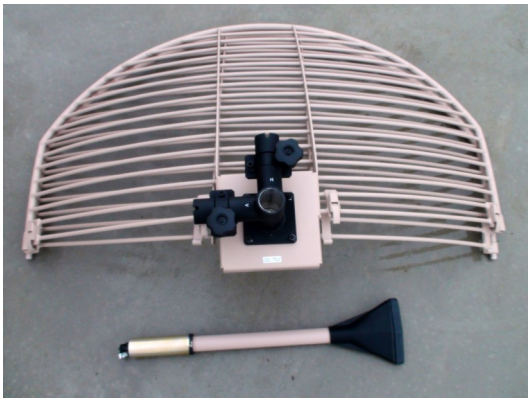
UHF1326G13 & UHF1326G16

Band 3+ Line-of-Sight (LOS) Antennas

G13 (1.3m) solid reflector version



G13 (1.3m) split reflector version for reduced storage area

Application:

- Band 3+, 1350-2690 MHz
- Designed for point to point radio relay (line-of-sight) communications.
- Two sizes available to suit gain/beam width requirements

  G13, 1.3 metre, 25dBi and G16, 1.6 metre, 27dBi
- Split reflector options available for reduced stowage
- Quick/easy change of polarisation.
- Rugged grid reflector for low wind drag.
- Suited to harsh environments.
- Compatible for mounting on Comrod series sleeve or telescopic masts.
- Removable feed for easy transportation

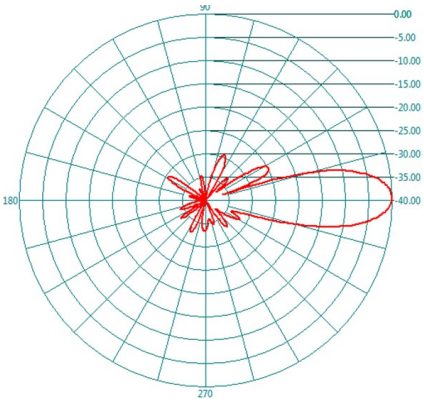
Electrical Specification

	UHF1326G13	UHF1326G16
Frequency Range	1350-2690 MHz	1350-2690 MHz
Gain	25 dBi (mid band) See curve on page 2	27 dBi (mid band)
VSWR	2:1 Max	2.3:1 Max
Polarisation	Horizontal or Vertical	Horizontal or Vertical
Input Impedance	50 Ω	50 Ω
Front to Back Ratio	>25 dB	>25 dB
Power Handling	50 W	50 W
Input Connector	N type Female	N type Female

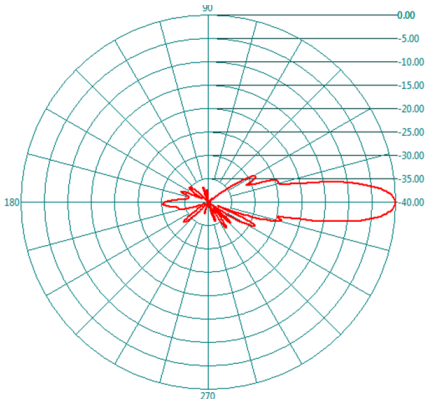
Mechanical Specification

Dimensions (reflector)	Ø1300mm x 270mm	Ø1600mm x 270mm
Weight (Solid Reflector)	Antenna 10.7 kg Feed 0.8 kg	Antenna 13.7 kg Feed 0.8 kg
Finish	Nato green polyurethane paint (IRR or CARC paint schemes can be supplied). Other colours available on request.	
Mounting	2 x Ø40mm sockets at 90 degrees (mast with Ø39.5mm male spigot required)	
Options	Split reflector version available UHF1326G13-2	Split reflector version available UHF1326G16-2

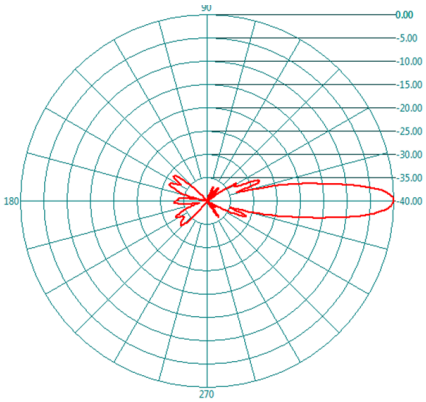
Radiation Patterns (UHF1326G13 Version)



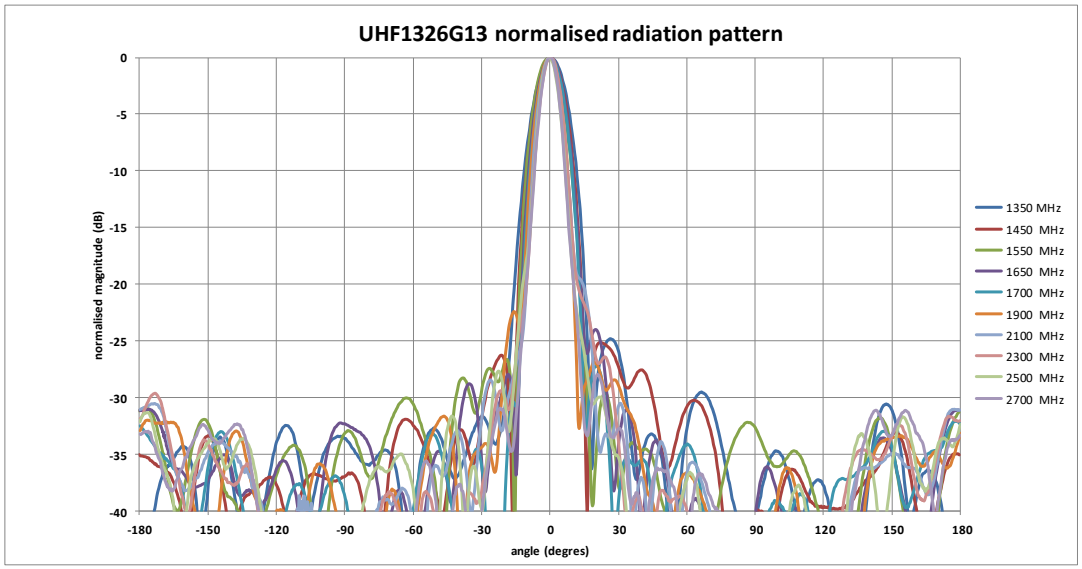
1350 MHz



1900 MHz



2700 MHz



Gain Curve (UHF1326G13 Version)