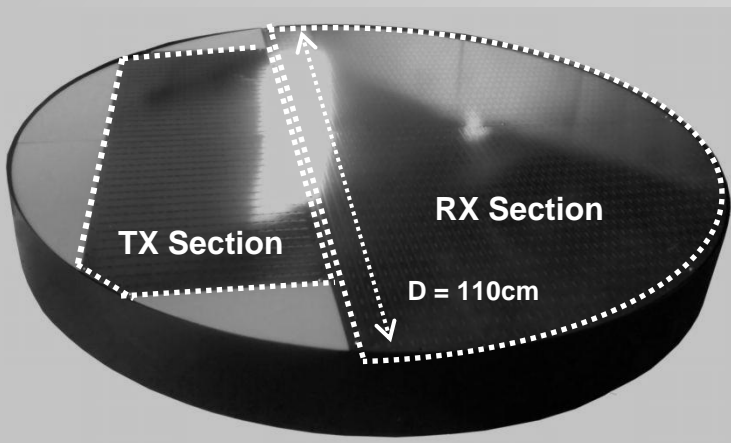


Ku-band flat-profile active scanning RX/TX antenna

Innovative solution for the new generation mobile satellite services at Ku-band requiring a bi-directional high data rate satellite link that must be maintained all the time.



Key features

- Flat profile
- Electronic beam steering in elevation
- Mechanical steering in azimuth
- ETSI & FCC satellite regulation compliant

	TX Section	RX Section
Antenna type	Slotted waveguide	Slotted waveguide
Centre Frequency	14.125 GHz	11.525 GHz
Bandwidth at VSWR<1.5	200 MHz	700 MHz
Polarization	Linear H	Linear V
Side Lobe Level	-12 dB	-12 dB
Cross Polarization	-25 dB	-25 dB
Scan Angles (Elevation)	15° ÷ 55°	15° ÷ 55°
Scan Angles (Azimuth)	360°	360°
EIRP (ITU-R S.728.1) (at 25° elev)	42 dBW	-
G/T (at 25° elev)	-	9.5 dB/°k
Size (D×H)	110 cm × 5 cm	

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