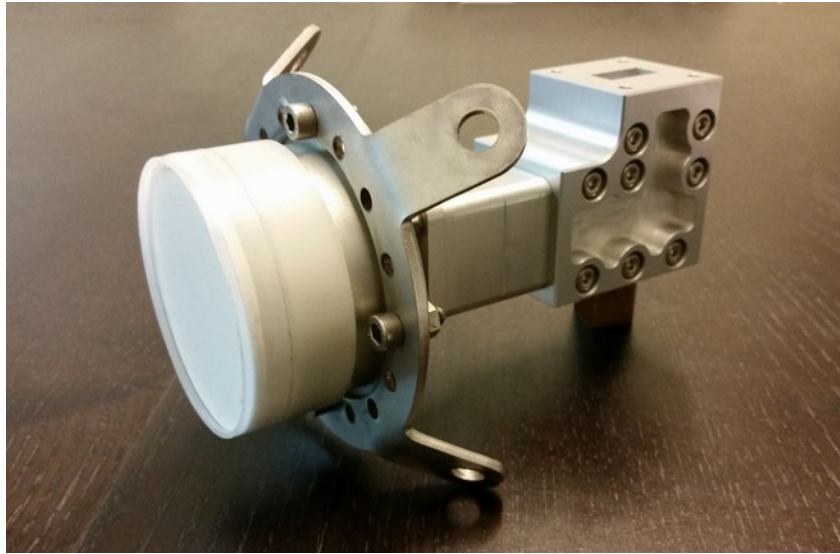


High Performance Ku Rx Only Dual Port Hybrid Mode Feed Assembly Eutelsat Compliant, MODEL 90350, 90351



Elite's Ku Hybrid Mode feed and OMT assembly (P/N's **90350** / **90351**) exceeds Eutelsat's demanding EESS 502 (Standard M) specification and is optimised for receive only operation.

The feed exceeds the 35 dB cross polar isolation specification within a 1dB contour / off axis : ITU-R S.371.1

Features

- Feed performance exceeds EESS 502 (Standard M) and is optimised for receive only operation.
- Covers the Super Extended Ku Rx band, 10.5 - 12.75 GHz on both ports
- Port to port isolation exceeds 45 dB
- Designed to work with prime focus reflectors with an f/D of 0.34 - 0.42. A feed designed to work with offset reflectors of f/D 0.6 or 0.8 is additionally available.
- Easy screw on / screw off replaceable radomes are available reducing maintenance / replacement cost and time.

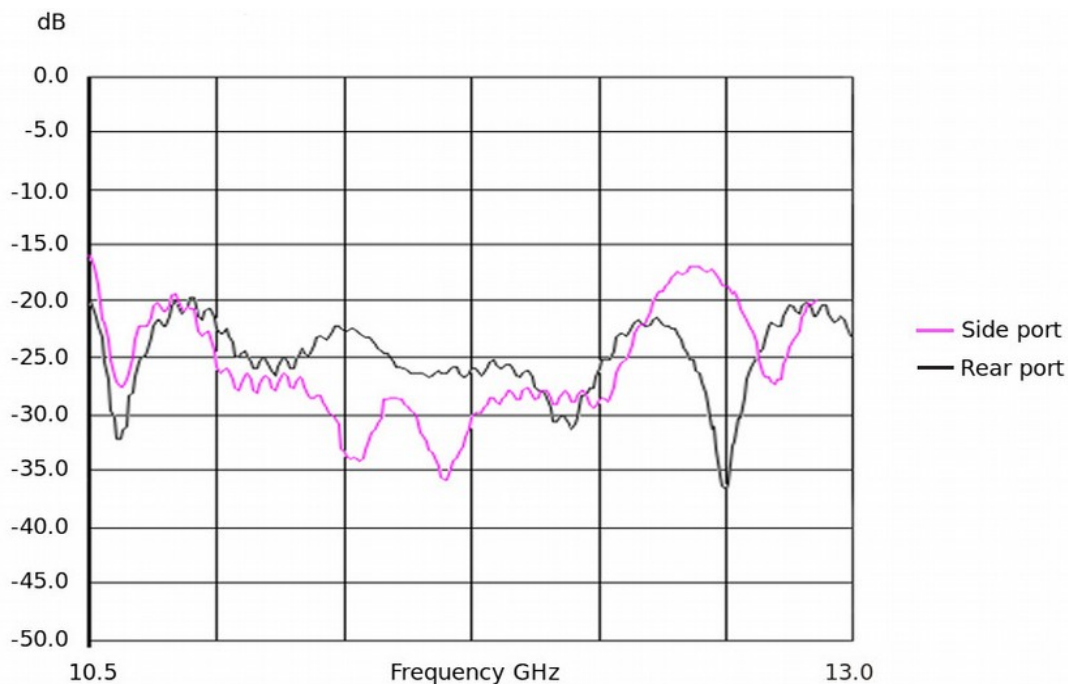
Elite Antennas designs & manufactures a wide range of high performance satcom antennas, meteorological antennas and waveguide systems for high-end customers including defence agencies, commercial broadcast networks, systems integrators and research agencies.

Contact us today to discuss your company's requirements

Technical Specification

	Model No. 90350 For use with reflectors of f/D 0.34 - 0.38	Model No. 90351 For use with reflectors of f/D 0.38 - 0.42
Frequency	Rx Band 10.5 - 13.0 GHz	
Dimensions	148mm (L) x 63mm (W) x 70mm (H)	
f/D	0.34 – 0.42 <i>Feed designs suitable for offset reflectors with f/D of 0.6 and 0.8 are also available</i>	
Stock material	Aluminium 6082	
Interface	2 x WR75 (WG17) flanges	
Fixings	M4 tapped/through holes at WR75 (WG17) interfaces	
Weight	490g	
VSWR (typical)	Rear Port < 1.2:1, Side Port < 1.3:1	
Isolation (typical)	45 - 55 dB, tested port to port	
Radiated Cross Polar	> 40 dB	
Finish	RAL9010 white polyurethane as standard. Clear anodised is also available	

Feed Assembly Return Loss



Contact us today to discuss your company's requirements



Phone: +44 (0) 1568 612050
sales@elite-antennas.com - www.elite-antennas.com
Designed and made in Great Britain

