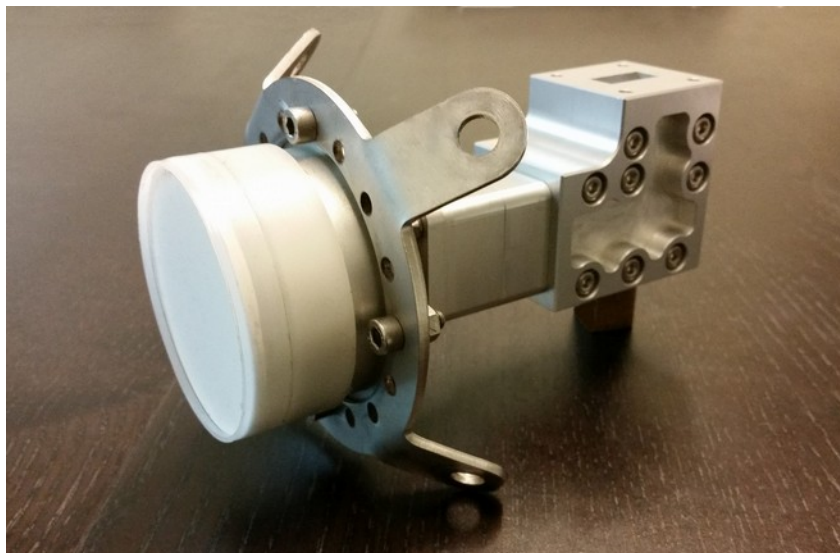

High Performance Ku Rx Only Dual Port Hybrid Mode Feed Assembly Eutelsat Compliant, MODEL 90350, 90351



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

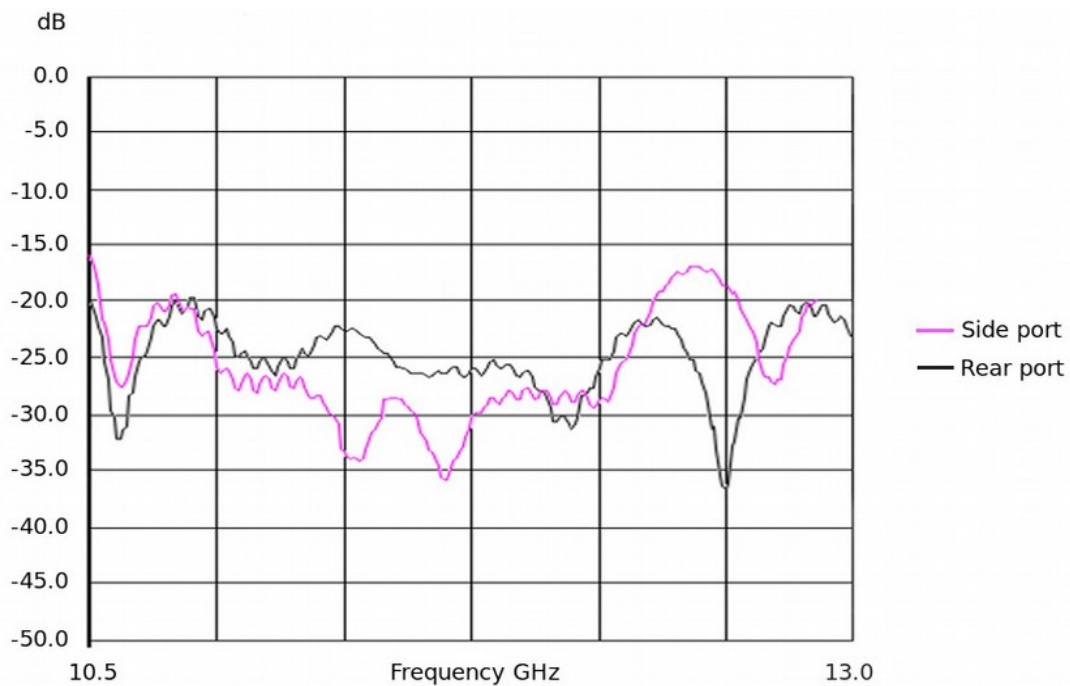
Features

- 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.

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