



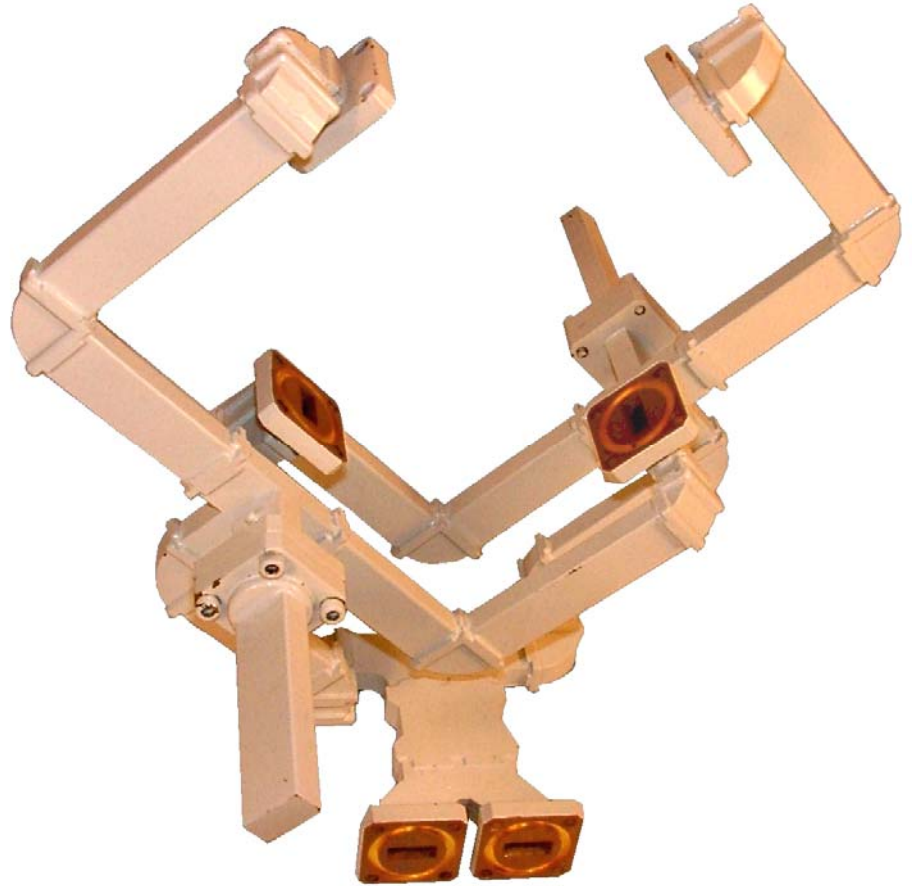
ORTHOGONAL FEED (K600-147)

DATA
SHEET
No. T154

- **COMPACT SIZE**
- **LOW LOSS**
- **RUGGED CONTRUCTION**

MEC model K600-147 is a K-Band (WR42) Orthogonal Feed. This design features a 3 dB sidewall hybrid at the input, two magic tees with integral loads and waveguide plumbing. It uses cast bends for very tight bend radii. The assembly is fabricated from Copper to minimize losses. This compact and mechanically rigid design covers a band of 20.2-21.2 GHz and has low insertion loss, along with good amplitude and phase tracking.

Contact MEC with your specific requirements. Our engineering staff will be glad to discuss your needs.



SPECIFICATIONS:

Model Number	K600-147
Frequency	20.2-21.2 GHz
Power	10 W CW
Insertion Loss	<0.3 dB
VSWR	<1.2:1
Phase balance	+/- 3 deg
Amplitude balance	+/- 0.2 dB
Input/Output Ports	WR42