

QYA-10T17G-01

Ultra-wideband Quasi-Yagi Antenna

Description

The QYA-10T17G-01 is an ultra-wideband quasi-Yagi antenna. This antenna array utilizes our company's patented ultra-wideband balun, which enables low-cost implementation. This antenna covers the frequency range of 10 to 17 GHz with high gain and low sidelobes. Quasi-Yagi antenna arrays capable of producing customer-specific gain and bandwidth are also available.



Applications

- ✓ Communication Systems
- ✓ Sensor Sub-assemblies
- ✓ Radar Systems
- ✓ Radiometers

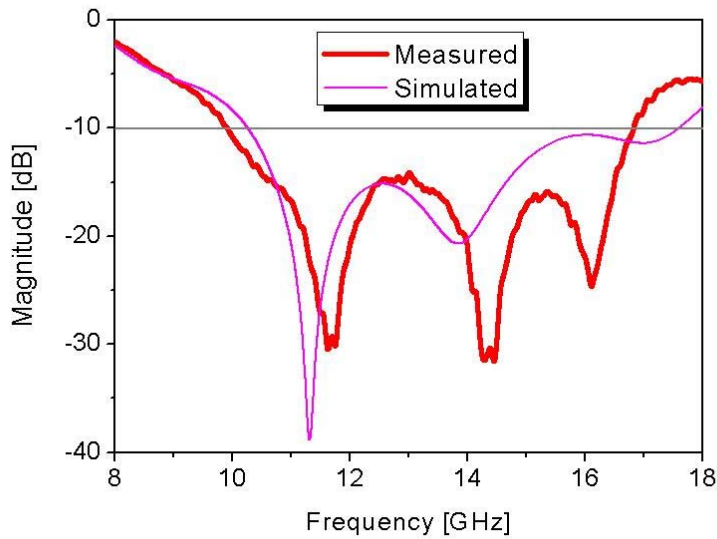
Features

- ✓ Custom Performance
- ✓ Ultra-Wideband
- ✓ High Gain
- ✓ Low Sidelobes
- ✓ Low VSWR
- ✓ Size: 20 x 37 mm

Electrical Specifications

Parameter	Units	Min.	Typ.	Max.
Frequency Range	GHz	10	-	17
Gain	dBi	4	4.5	5
Beamwidth	deg	78	82	85
Front-Back Ratio	dBc	9	12	15

Return Loss



Radiation Pattern at 14 GHz (E-plane)

