



Key Features

- Blade dimensions: 115mm x 22mm x 4mm
- RoHS compliant
- 3.03 - 2.6dBi
- WiFi: 2400 - 2500MHz
- Mounts on any non metallic surface

General Description

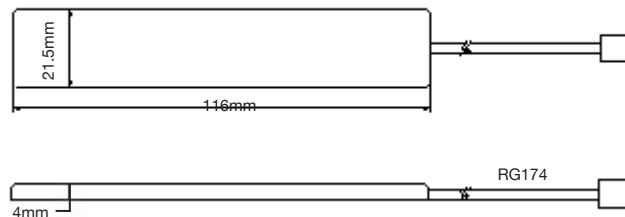
The Alpha series of antennas are much tougher and more rugged than the Echo range. The adhesive base means these antennas are simple to mount onto many different surfaces, for example metallic, plastic, glass and wooden, making the Alphas extremely versatile.

The Siretta Alpha 10 is an antenna dedicated to Wi-Fi applications. Its low profile design makes this antenna perfect for those installations where the antenna needs to be hidden or tucked away and out of sight. The Alpha 10 has a gain of 3.03 - 2.6dBi.

With an EndFed cable and measuring just 115 x 22 x 4mm this version comes with its own adhesive mounting pad and is supplied with a variety of cable and connector options, bespoke to the customer's needs.

Additional Considerations

- Mounts discretely in installation, good for covert use
- Meets all EU compliance criteria for electronic goods
- Intended for internal to equipment use



Rev 1.1

Key Specifications - Electrical

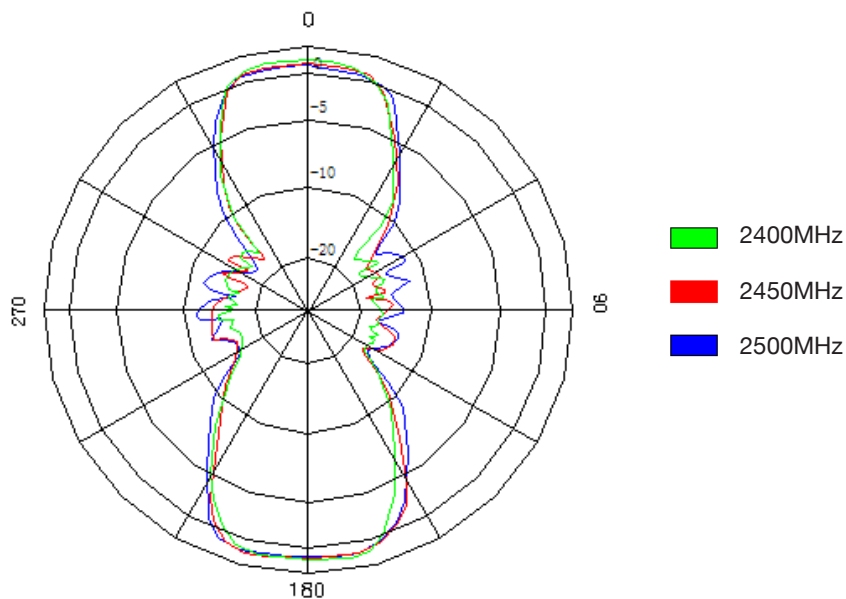
Operating temperature range:	-40 to 85°C
Impedance:	50 ohm
Gain:	3.03 - 2.6dBi
VSWR:	≤1.5:1
Max input power:	50W
Voltage and supply current:	Passive
Frequency:	2400 - 2500MHz
Polarization:	Vertical

Key Specifications - Mechanical

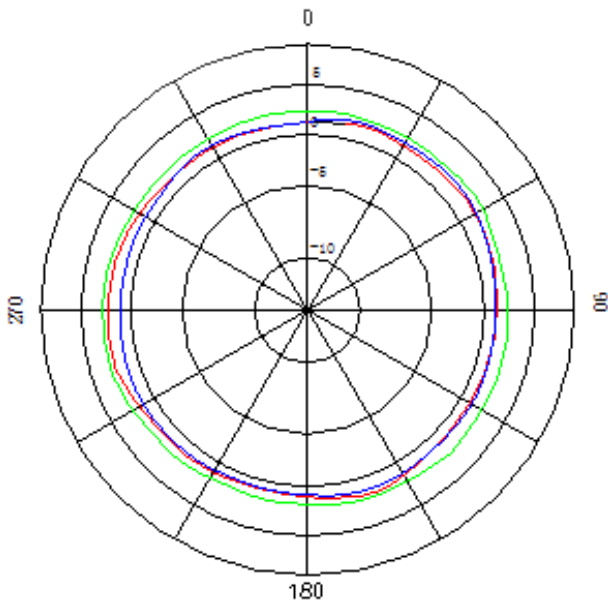
Dimensions:	115mm x 22mm x 4mm
Cable type:	RG174
Cable length:	According to customer specification
Connector:	According to customer specification
Mounting:	Adhesive




Test Reports

Vertical Pattern



Horizontal Pattern



	Frequency (MHz)	Max (dBi)	Min (dBi)
	2450	3.03	2.68
	2400	2.75	2.11
	2500	2.56	1.67

Ordering Details

Part Number	Description
ALPHA10/3M/SMAM/S/S/20	Adhesive WiFi Antenna, 3m Cable, SMA Male Connector
ALPHA10/3M/FMEF/S/S/20	Adhesive WiFi Antenna, 3m Cable, FME Female Connector
ALPHA10/1M/SMAM/S/S/20	Adhesive WiFi Antenna, 1m Cable, SMA Male Connector
ALPHA10/1M/FMEF/S/S/20	Adhesive WiFi Antenna, 1m Cable, FME Female Connector
ALPHA10/5M/SMAM/S/S/20	Adhesive WiFi Antenna, 5m Cable, SMA Male Connector
ALPHA10/5M/FMEF/S/S/20	Adhesive WiFi Antenna, 5m Cable, FME Female Connector