



Alpha 41

GSM/UMTS/LTE/WiFi and Bluetooth Antenna

Key Features

- Overall Frequency Coverage 700-960 and 1700-2700MHz
- Ideal for Wireless LAN and Bluetooth
- Slim unobtrusive design



General Description

The Alpha 41 is a flexible over moulded antenna designed for vertical polarisation but having similar properties in the horizontal plane. The antenna comes fitted with a quality 3M adhesive pad for simple installation.

The wide bandwidth of the antenna makes it ideal for multiple uses across both telephony and WiFi.

Additional Considerations

- Does not rely on mounting on metallic surface
- WiFi, Bluetooth and ZigBee compatible
- Meets all EU compliance criteria for electronic goods



Alpha 41

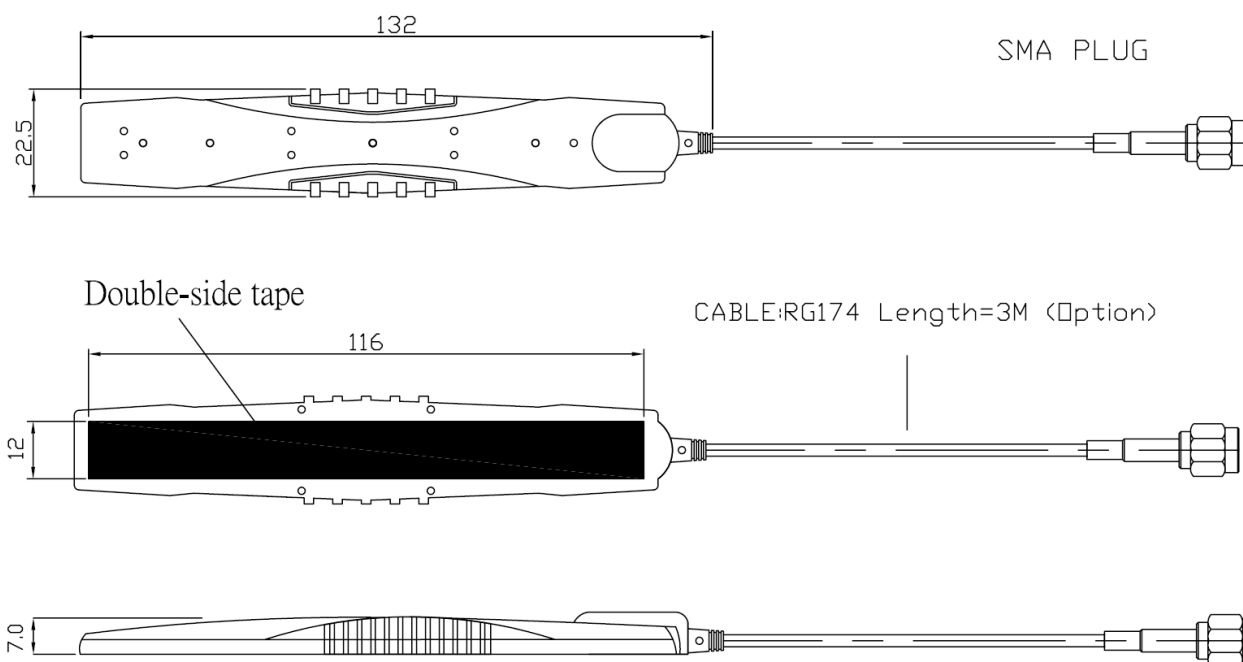
GSM/UMTS/LTE/WiFi and Bluetooth Antenna

Electrical Specifications

Impedance:	50 Ohm
Gain:	700 - 960MHz 0dBi 1700 - 2700MHz 2dBi
VSWR:	≤3.6 : 1
Frequency:	700 - 960 / 1700 - 2700MHz
Max Power:	50W
Polarization:	Vertical

Mechanical Specifications

Dimensions:	132 x 22.5 x 7mm
Cable:	RG174
Connector:	SMA Plug
Mounting Method:	Double sided tape

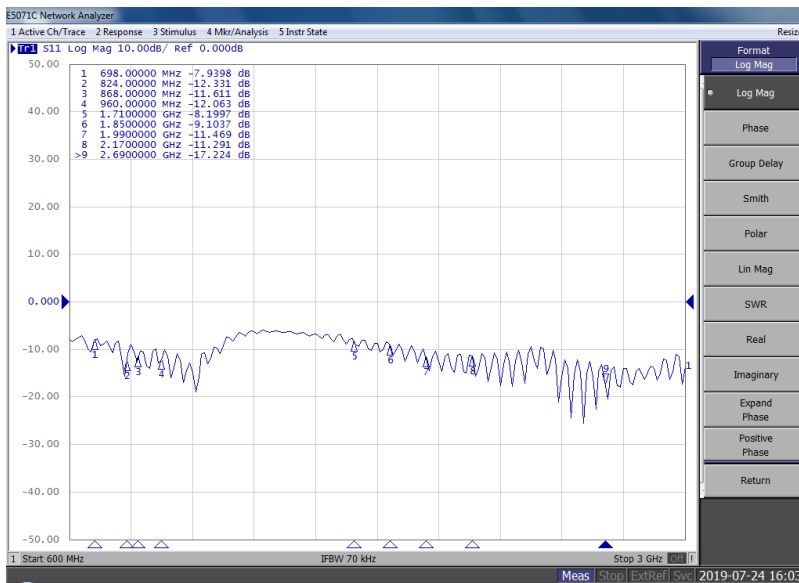




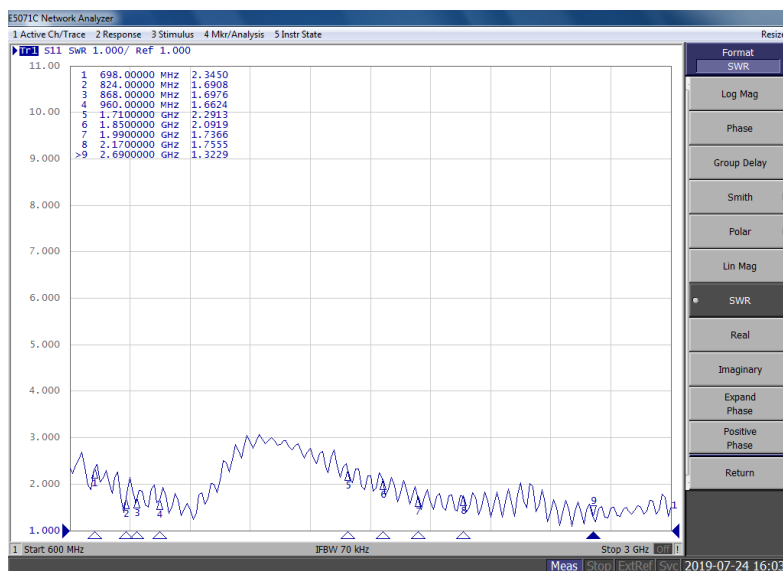
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Return Loss



VSWR



Ordering Details

Part Number	Description
ALPHA41/2M/SMAM/RP/S/19	GSM/UMTS/LTE/WiFi and Bluetooth Antenna, 2m Cable SMA Male Reverse Polarity
ALPHA41/3M/SMAM/S/S/19	GSM/UMTS/LTE/WiFi and Bluetooth Antenna, 3m Cable SMA Male

Registered in England No. 08405712
VAT Registration No. GB163 04 0349

Siretta Ltd
Basingstoke Road
Spencers Wood
Reading
Berkshire RG7 1PW

sales
fax
email
web

+44(0)118 976 9014
+44(0)118 976 9020
sales@siretta.com
www.siretta.com

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