



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

A Adhesive	2G GSM	3G UMTS	4G LTE
WLAN 2400	ISM 2450	BLE Bluetooth	ZB Zigbee

Alpha 41

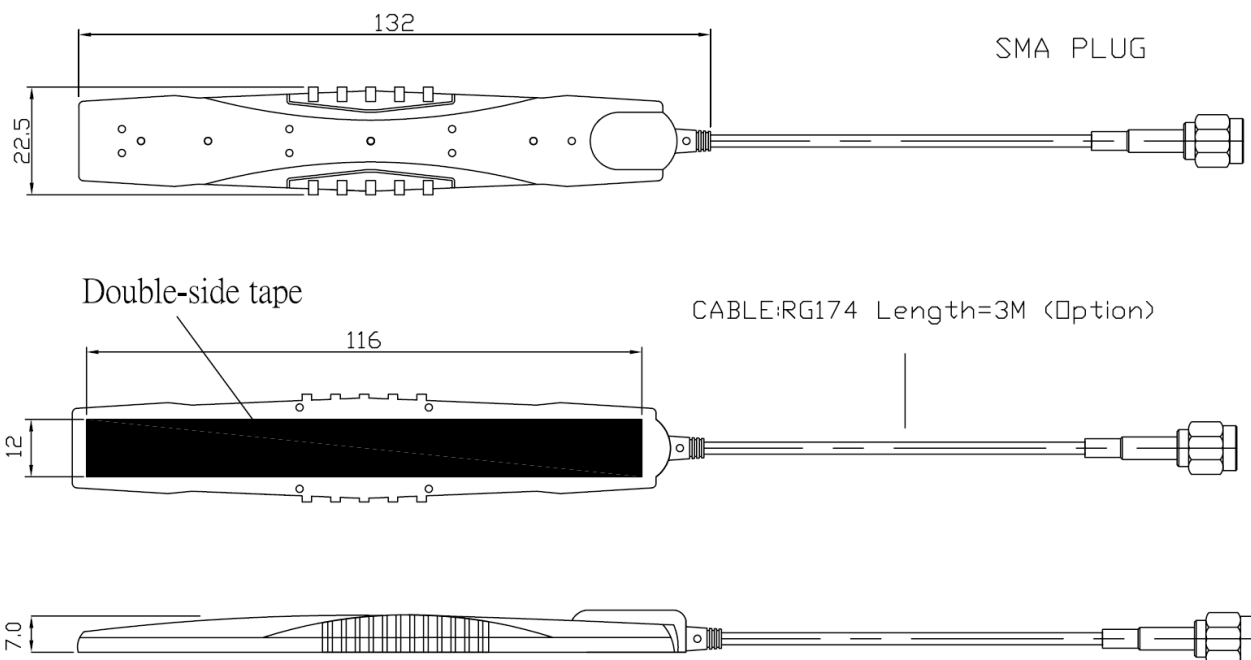
GSM/UMTS/LTE/WiFi and Bluetooth Antenna

Electrical Specifications

Impedance:	50 Ohm
Gain:	700 - 960MHz 0dBi 1700 - 2700MHz 2dBi
VSWR:	$\leq 3.6 : 1$
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

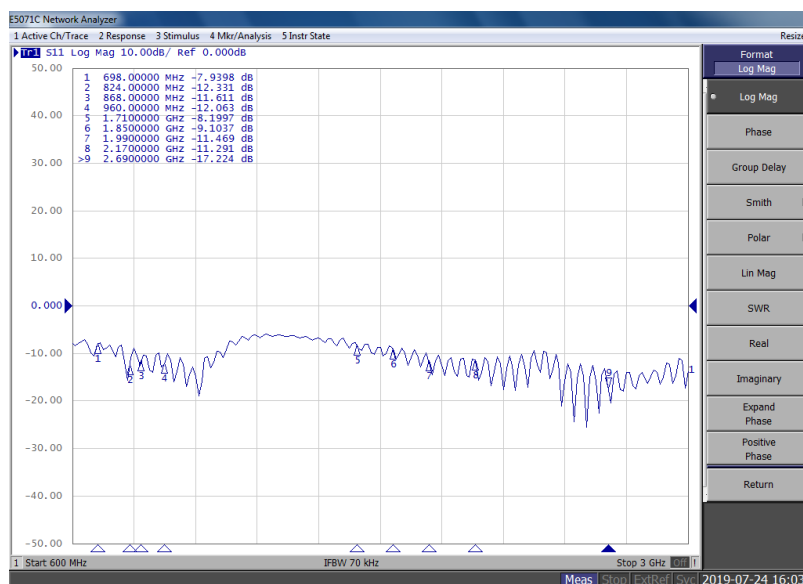




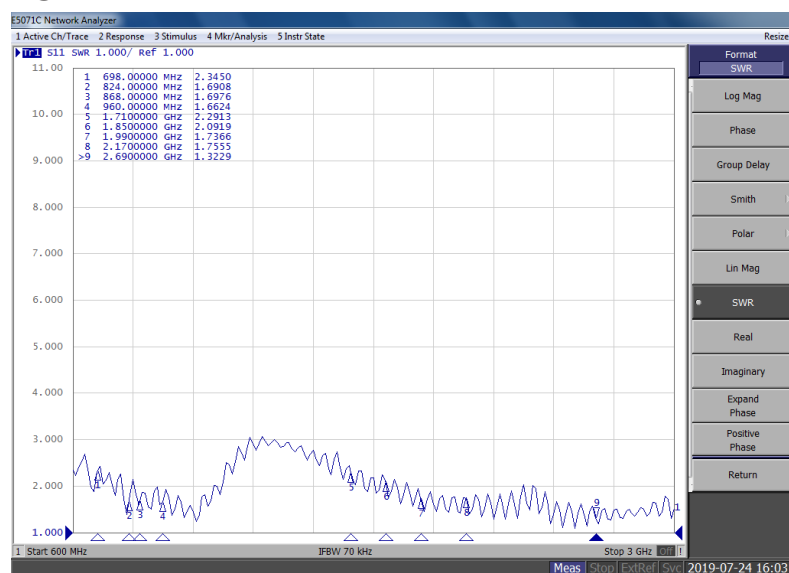
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Return Loss



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

Mouser Electronics

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