



# LTE ANTENNA

Antenna LTE Embedded FLEX 001,

3 dBi, U.FL(f) RA, 1.37mm Coaxial Cable/100mm

AO-ALTE-FPC001U100

SECTRON company offers a wide portfolio of LTE antennas with various versions differing in shape, level of gain and manner of attachment. SECTRON guarantees a compatible connection between an antenna and all antenna adaptors produced by SECTRON.

## BENEFITS

- Minimalist dimensions
- Easy installation
- Flexible

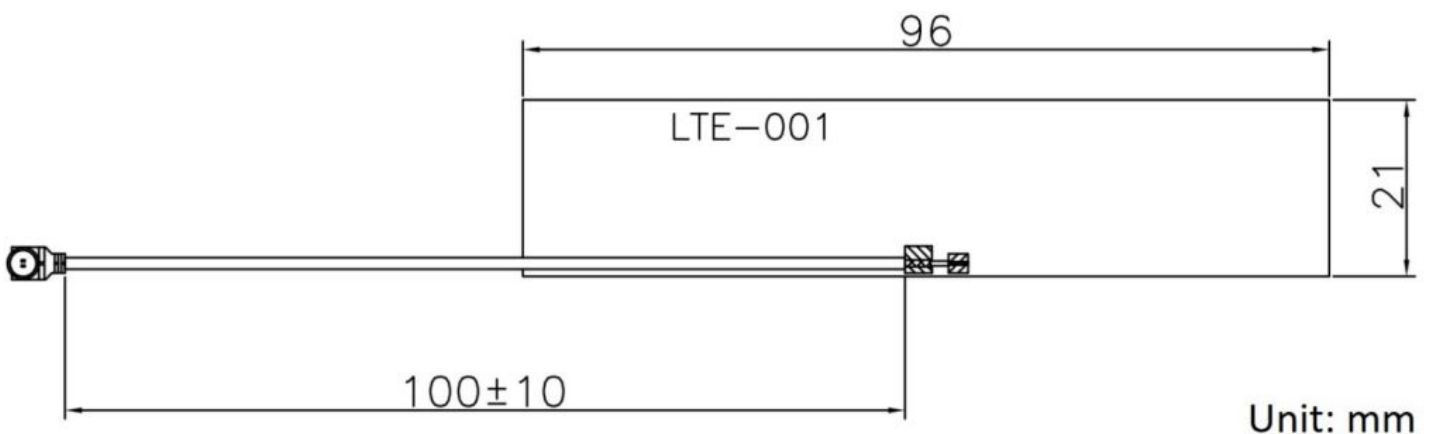


## FEATURES

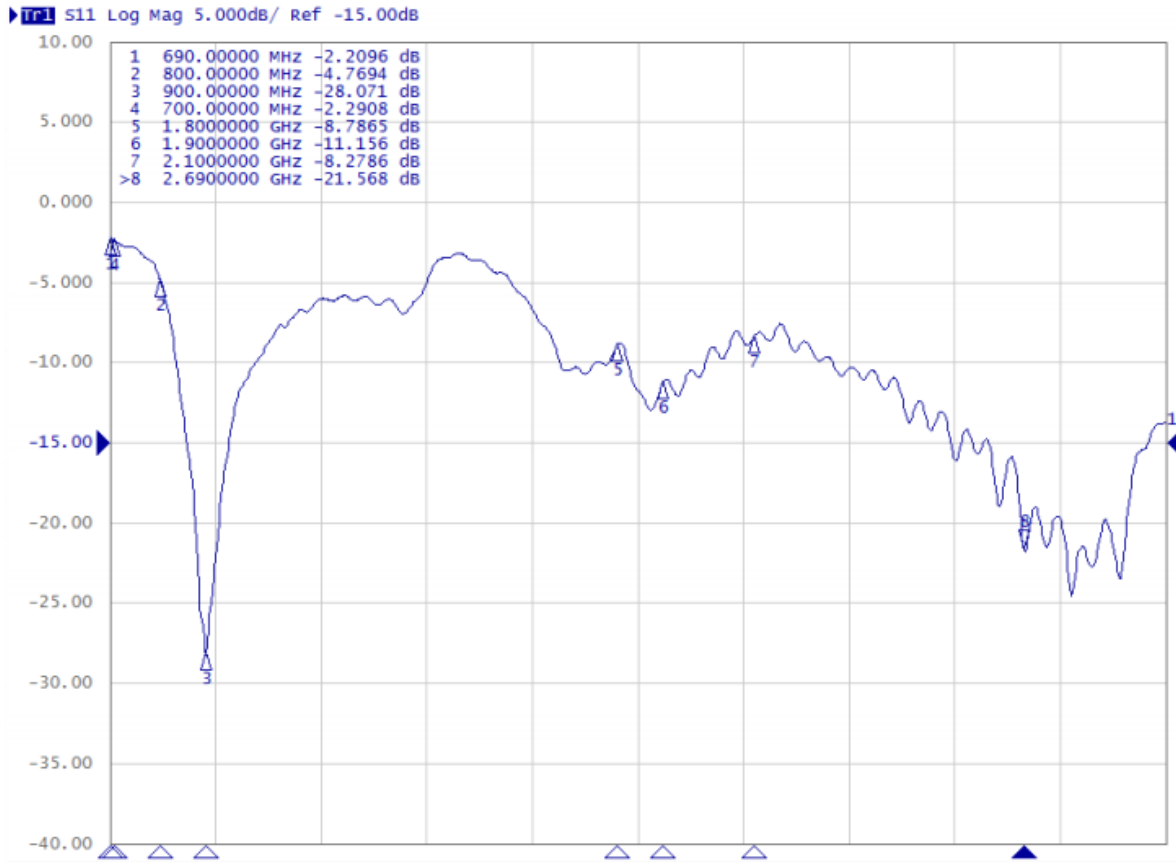
AO-ALTE-FPC001U100

Technology	LTE
Frequency bands	800/900/1800/1900/2100/2700 MHz
Bandwidth	-
Gain	3 dBi
VSWR	<3.5:1
Impedance	50 Ohm
Directivity	Directional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	96.0 x 21.0 mm
Weight	1.42 g
Operating temperature	-30 to +90 °C
Execution	Internal
Method of attachment	Adhesive
Cable type	Hirose 088
The cable length	100 mm
Connector type	U.FL(f) RA
Certification	RoHS

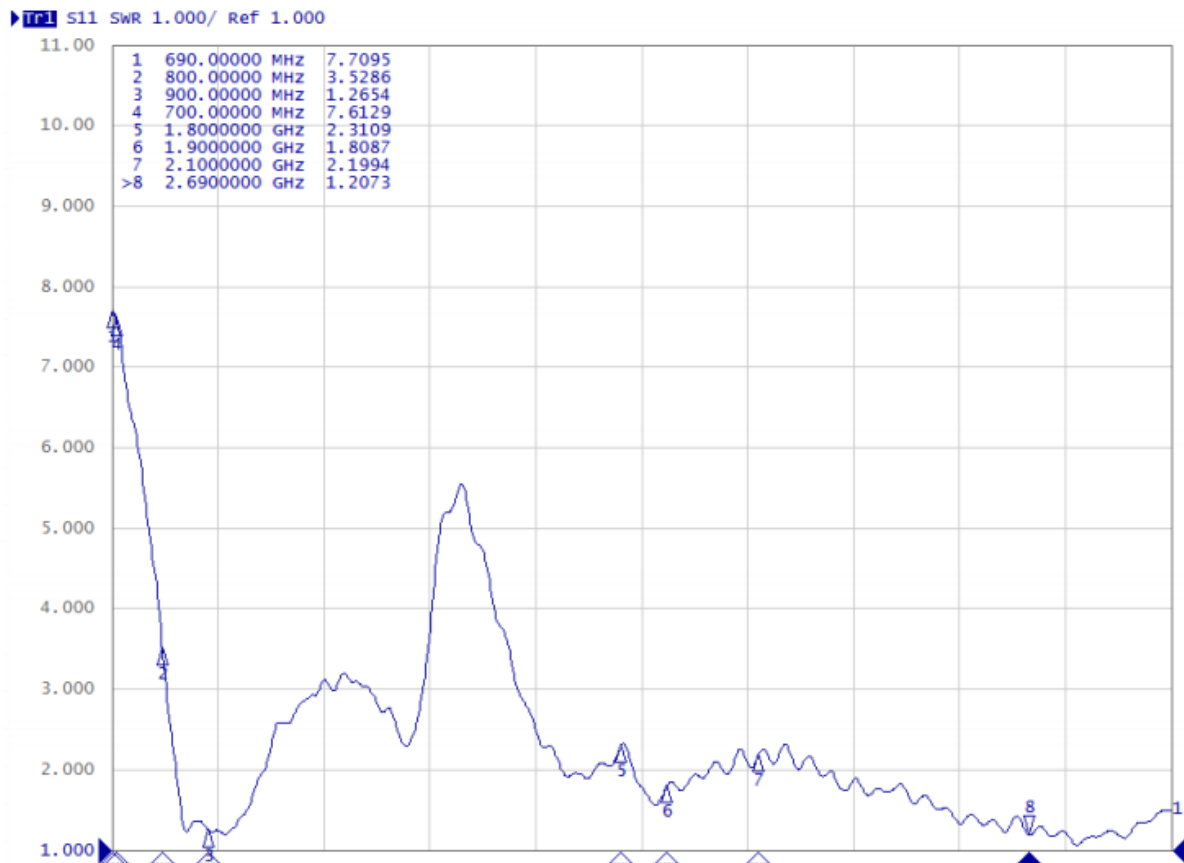
## DRAWING



$S_{11}$  - Return Loss [dB]



VSWR - Voltage standing wave ratio [-]



Frequency [MHz]	$S_{11}$ [dB]	VSWR [-]	Gain [dBi]
800	-4.76	3.52	0.56
900	-28.07	1.26	2.9
1800	-8.78	2.31	3.45
1900	-11.15	1.80	3.36
2100	-8.27	2.19	2.31
2690	-21.56	1.20	4.31

## VARIANTS

Different connector variants or cable lengths are available on request.

## CONTACTS

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