



GSM/UMTS/LTE ANTENNA

Antenna GSM/UMTS/LTE
Flexible 002, 20x80 mm,
Cable OD1.37 mm, 100 mm, open end

AO-ALTE-FPC002I100OE

SECTRON company offers a wide portfolio of GSM/UMTS/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

- Flexible design
- Multiband antenna
- Low VSWR

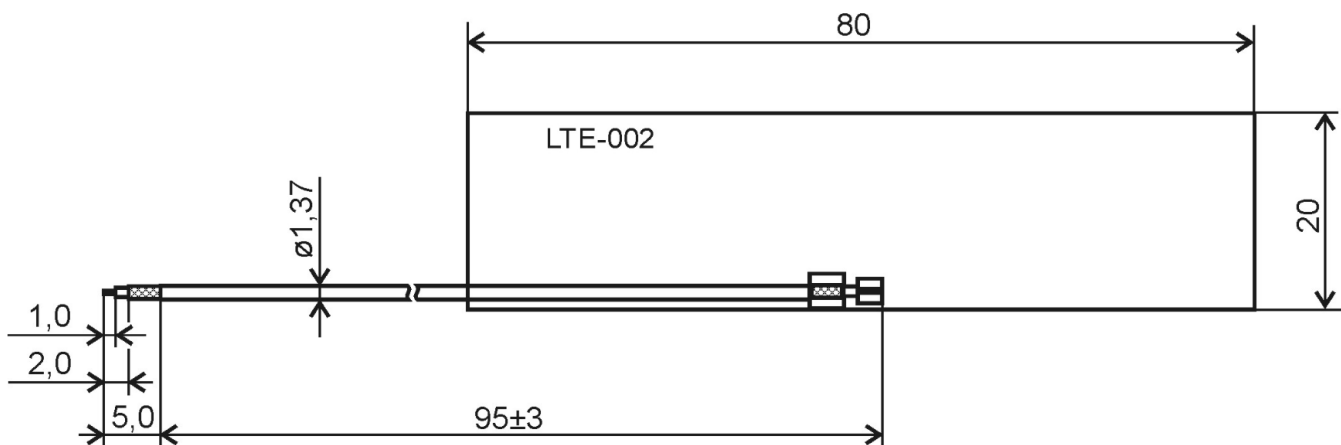


FEATURES

AO-ALTE-FPC002I1000E

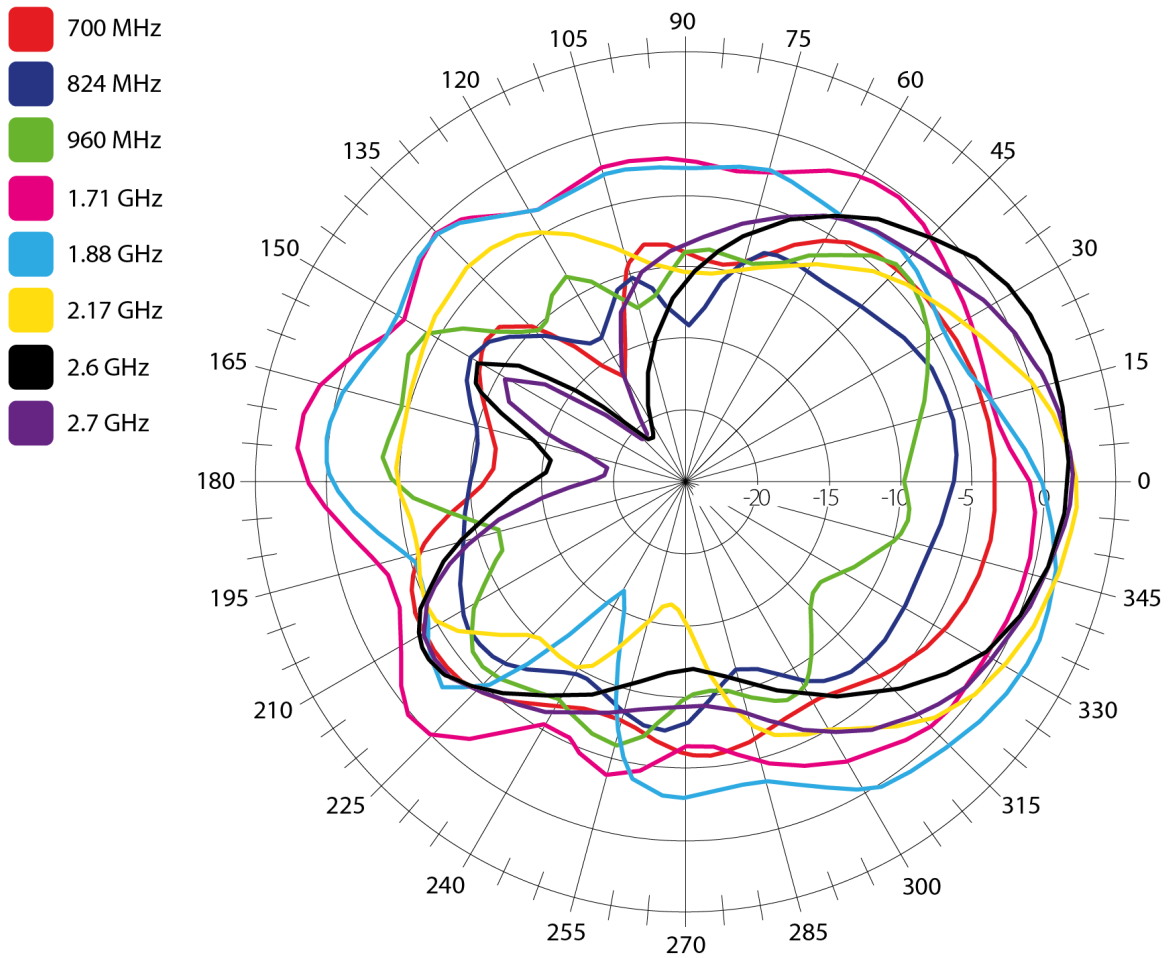
Technology	GSM/UMTS/LTE
Frequency bands	700-960/1710-2170/2600-2700 MHz
Bandwidth	-
Gain	3.2 dBi
VSWR	<2.0:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Linear
Maximum input power	10 W
Power voltage	2.2-5 VDC
Dimensions	80x20 mm
Weight	5 g
Operating temperature	-40 to +85 °C
Execution	External
Method of attachment	Internal
Cable type	1.37 mm coax cable
The cable length	0.1 m
Connector type	Open end
Certification	RoHS, ISO 9001, ISO 14001
IP code	-
Material	-

DRAWING

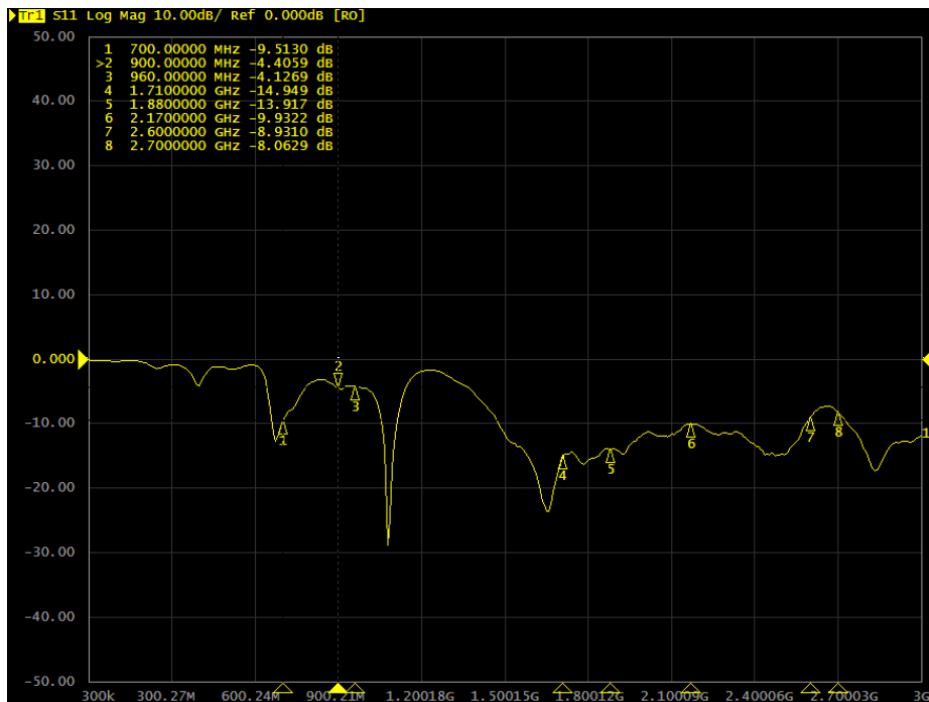


UNIT: mm

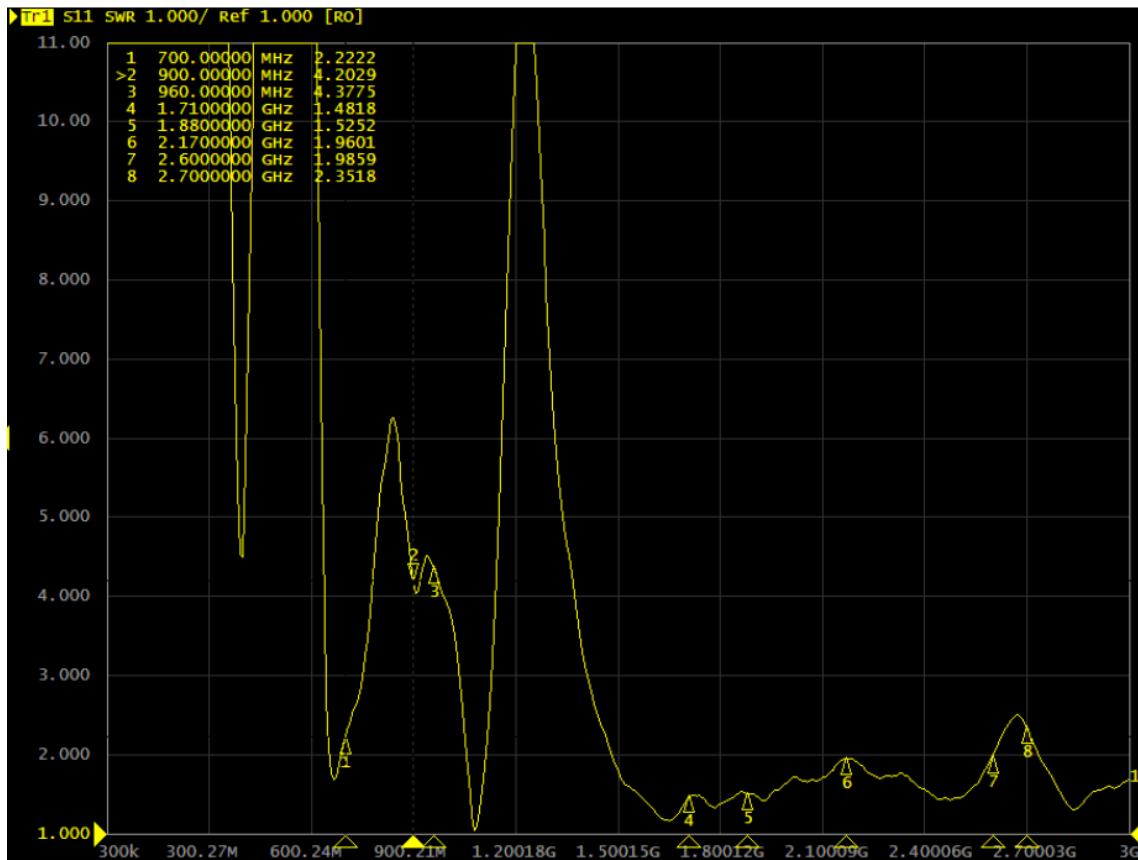
RADIATION PATTERN - 2D



S_{11} - Return Loss [dB]



VSWR – Voltage standing wave ratio [-]



SUMMARY

Frequency [MHz]	Gain [dBi]	VSWR [-]	S_{11} [dB]
700	-2.35	2.2:1	-9.51
1710	1.45	1.48:1	-14.94
1880	2.25	1.52:1	-13.91
2170	2.37	1.96:1	-9.93
2600	2.20	1.98:1	-8.93

VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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