



LTE ANTENNA

Antenna LTE Embedded FLEX 002,
0 dBi, U.FL(f) RA, 1.37mm CBL,
150 mm

AO-ALTE-FPC002U150

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

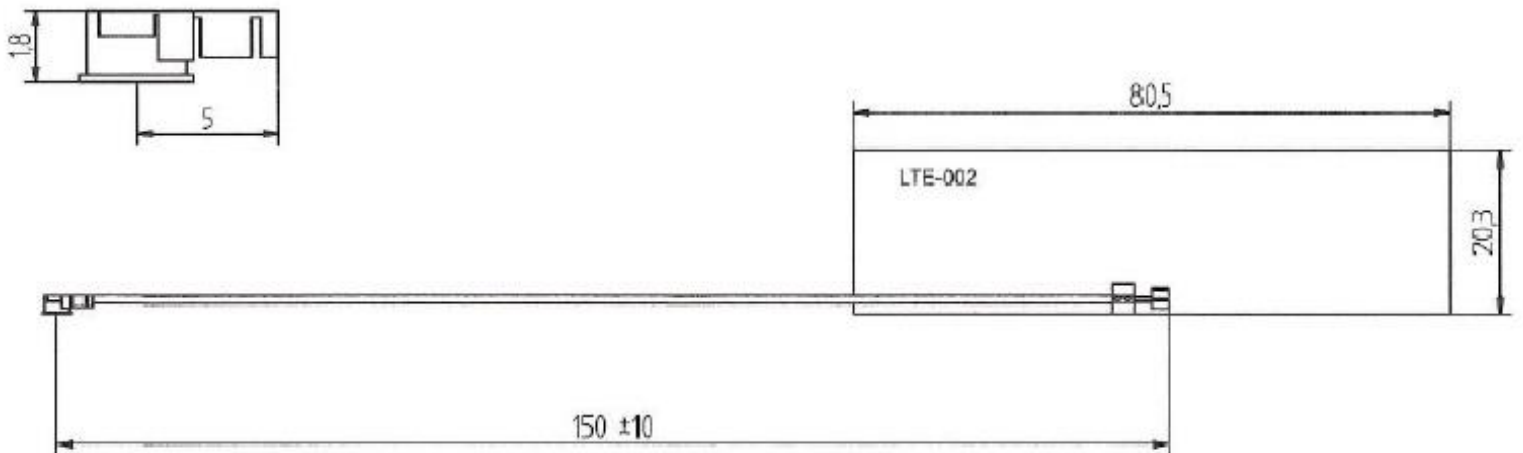
- Low VSWR
- Easy installation
- Minimalist dimensions
- Flexible

Technology	GSM/UMTS/LTE
Frequency bands	700/800/900/1700/1800/1900/2100/2700 MHz
Bandwidth	-
Gain	0 – 4 dBi
VSWR	<2.6:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	H 360° V 30°
Polarization	Linear
Maximum input power	10 W
Power voltage	-
Dimensions	20 x 80 x 0.1 mm
Weight	1.42 g
Operating temperature	-20 to +80 °C
Execution	Internal
Method of attachment	Adhesive
Cable type	Hirose 088
The cable length	150 mm
Connector type	U.FL(f) RA

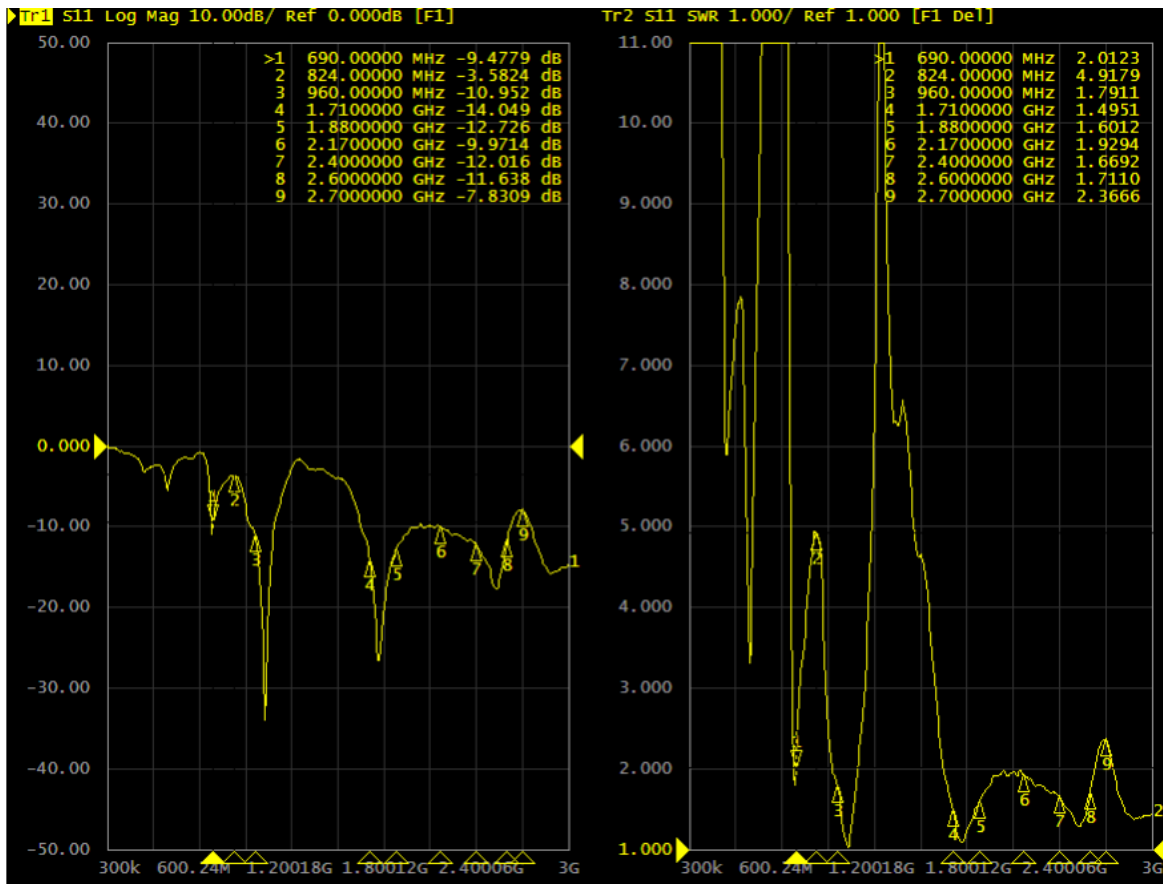
DRAWING

U.FL

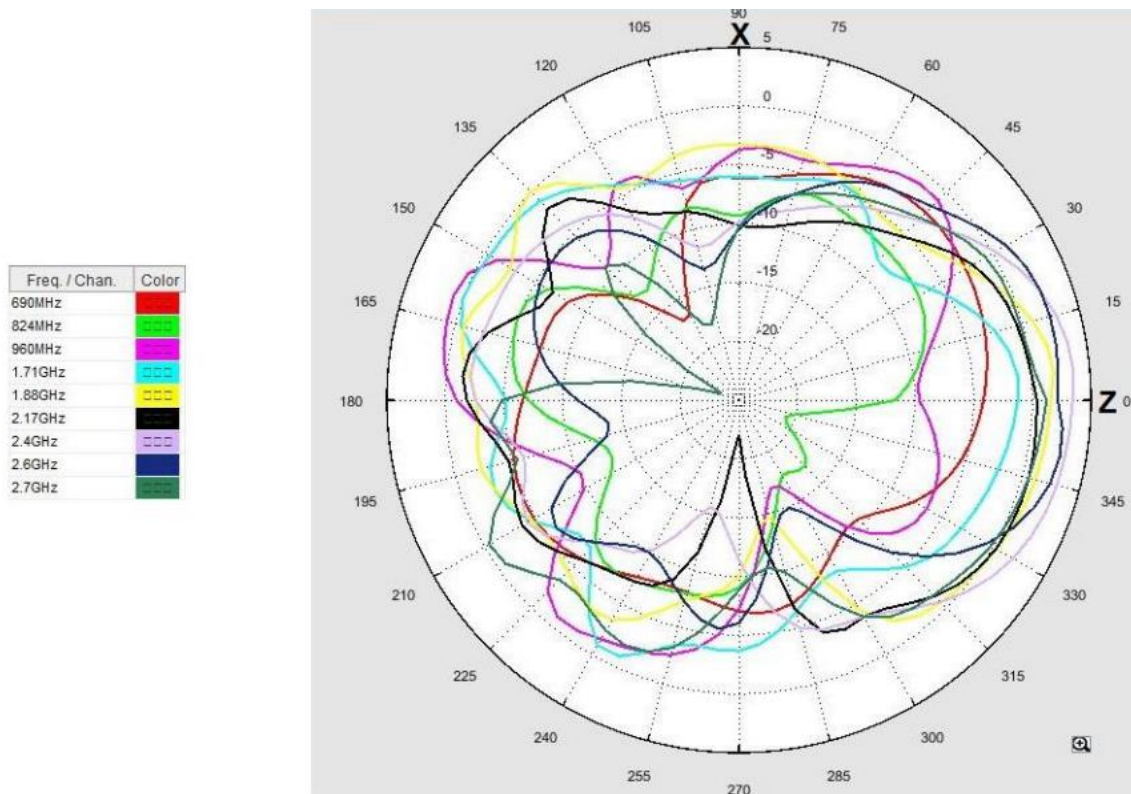
U.FL-LP-088



RETURN LOSS & VSWR



RADIATION PATTERN



Frequency (MHz)	Return Loss (dB)	VSWR	Efficiency (%)	Gain (dBi)
690	-9.47	2.01	35.32	-1.21
824	-3.58	4.91	17.91	-2.95
960	-10.95	1.79	48.31	1.55
1710	-14.04	1.49	52.72	1.17
1880	-12.72	1.6	59.7	2.04
2170	-9.97	1.92	55.72	2.81
2400	-12.01	1.66	73.45	4.25
2600	-11.63	1.71	54.08	3.49
2700	-7.83	2.36	49.77	2.06

Different connector variants or cable lengths are available on request.