



## LTE ANTENNA

Antenna LTE B31/B20/B8  
Magnet Mount 90, 3 dBi, SMA(m),  
RG174U/3m

AO-ALTE-MG9S3

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

- Low VSWR
- Gain
- Easy installation

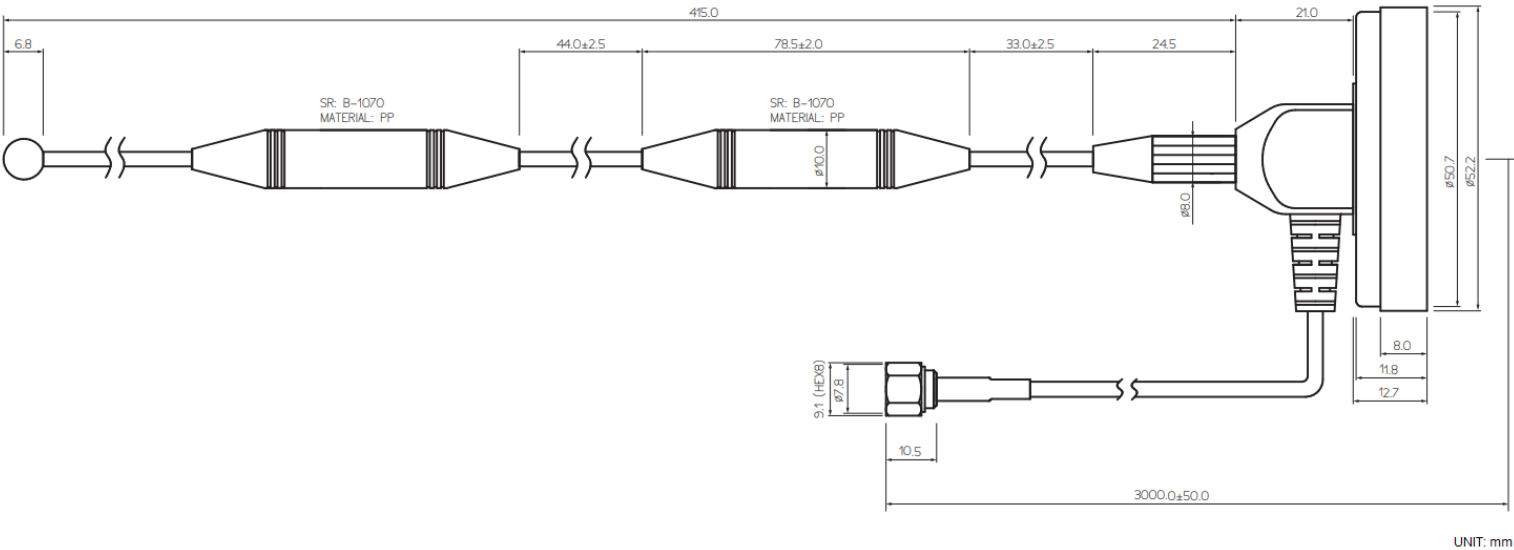


FEATURES

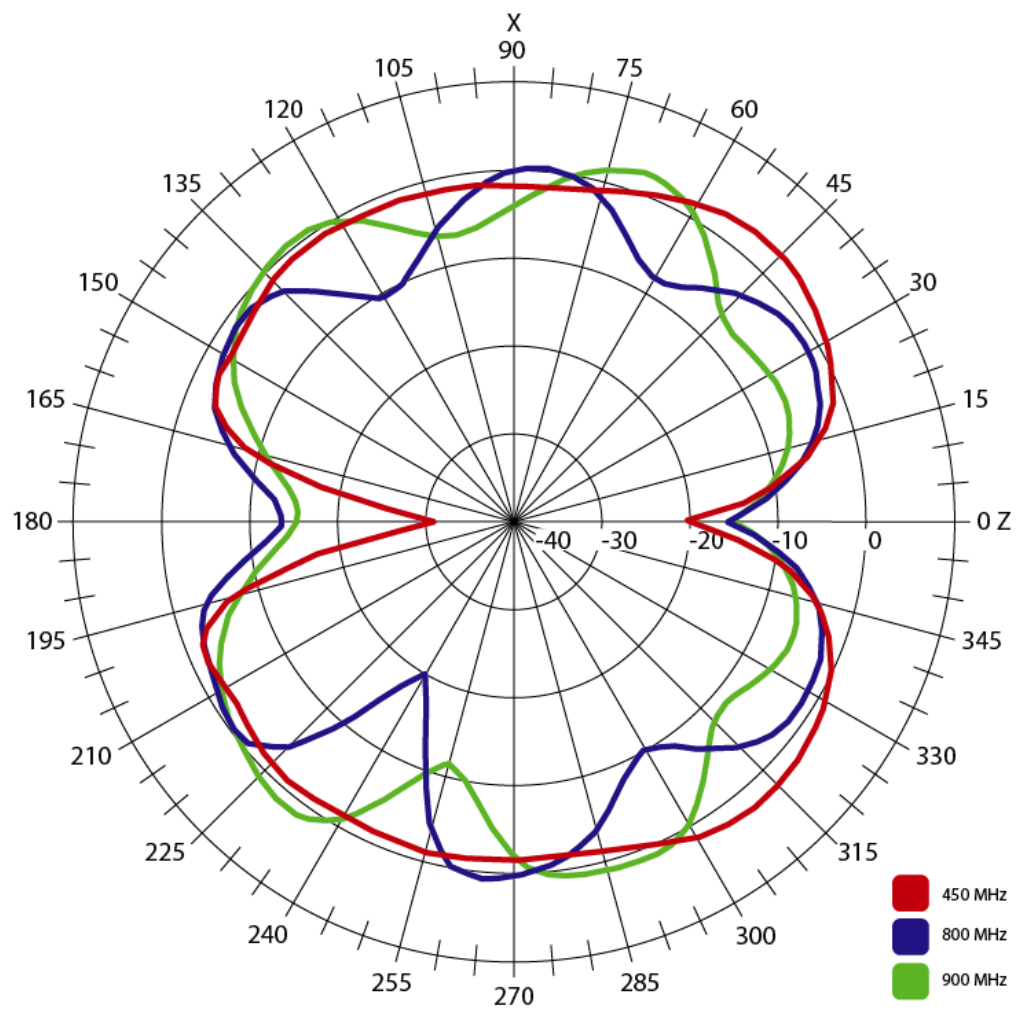
AO-ALTE-MG9S3

Technology	LTE
Frequency bands	B31 (450 MHz), B20 (800 MHz), B8 (900 MHz)
Bandwidth	-
Gain	3 dBi
VSWR	<2.5:1
Impedance	50 Ohm
Directivity	Omnidirectional
Beam angle	Attached graphs bellow
Polarization	Vertical
Maximum input power	10 W
Power voltage	-
Dimensions	Ø 52.5 x 448.7 mm
Weight	170 g
Operating temperature	-30 to +80 °C
Execution	External
Method of attachment	Magnet mount
Cable type	RG174/U
The cable length	3 m
Connector type	SMA(m)
Certification	RoHS

DRAWING

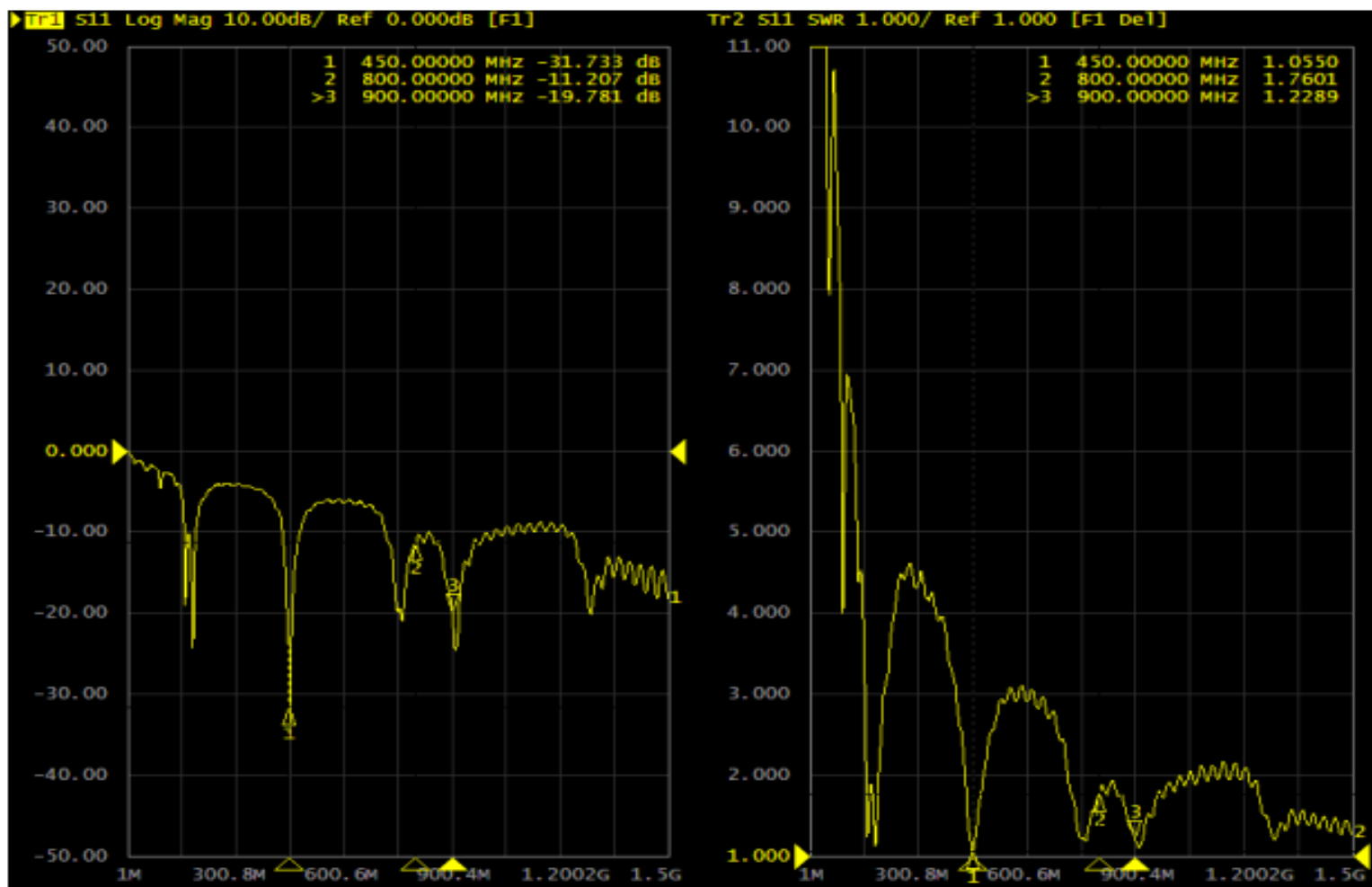


## RADIATION PATTERN - GAIN [dBi]



## MEASUREMENTS

### RETURN LOSS [dB] / VSWR



## TEST RESULTS

Frequency (MHz)	Return Loss (dB)-3M	VSWR -3M	Return Loss (dB)-1.5M	VSWR -1.5M	Efficiency (%)	Gain (dB)
450	-31.73	1.05	-28.35	1.07	91.41	2.98
800	-11.20	1.76	-8.31	2.24	46.67	0.59
900	-19.78	1.22	-19.27	1.24	66.37	1.84

## VARIANTS

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Different connector variants or cable lengths are available on request.

## CONTACTS

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