

GSM/CDMA/UMTS/LTE /WLAN ANTENNA

Antenna LTE Pole Mount XL7025, 698-2700 MHz, 15 dBi, SMA(m), RG58U/10m

AO-ALTE-XL7025-15-10M

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

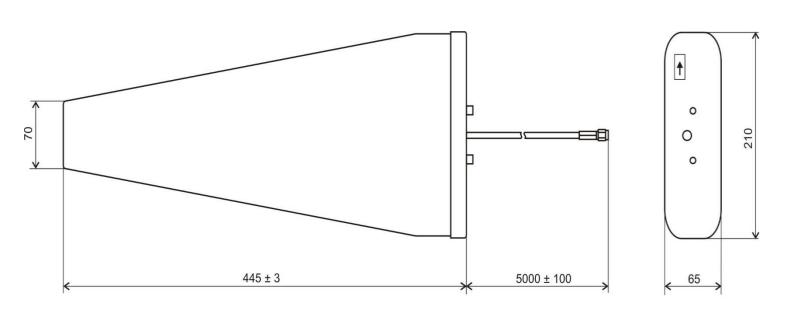
- Directional greater reach
- High gain
- Anti-vandal design
- Anti-corrosive material



FEATURES AO-ALTE-XL7025-15-10M

Technology	GSM/CDMA/UMTS/LTE/WLAN
Frequency bands	700/800/900/1700/1800/1900/2100/2400/2500/2600/2700 MHz
Bandwidth	262/990 MHz
Gain	15 dBi
VSWR	< 1.3:1
Impedance	50 Ohm
Directivity	Directional
Beam angle	Attached graphs below
Polarization	Vertical
Maximum input power	10 W
Power voltage	-
Dimensions	445 x 210 x 65 mm
Weight	840 g
Operating temperature	-40 to 60 °C
Execution	External
Method of attachment	Pole Mount
Cable type	RG58/U
The cable length	10 m
Connector type	SMA(m)
Certification	-

DRAWING



MEASURED GRAPHS AO-ALTE-XL7025-15-10M

VSWR – Voltage standing wave ratio [-]

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rc1 — S11 SWR 500 ml	J/ Ref 3 U Cal								1
5						٨	11 690.000000	MHz 1.2	38
						Λ	A2 800.000000	MHz 1.2	66
						Λ	N3 900.000000	MHz 1.2	67
						<u> </u>	/ _{1.800000}	GHz 1.1	54
						Λ	A5 1.900000	GHz 1.1	29
						Λ	A6 2.100000	GHz 1.1	45
_							<i>1</i> 7 2.600000		
5						• N	A8 3.600000	GHz 1.1	66
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M1 M2 M3 N Y Y	1.4				M7			МО	
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S11 - Return Loss of LTE antenna [dB]

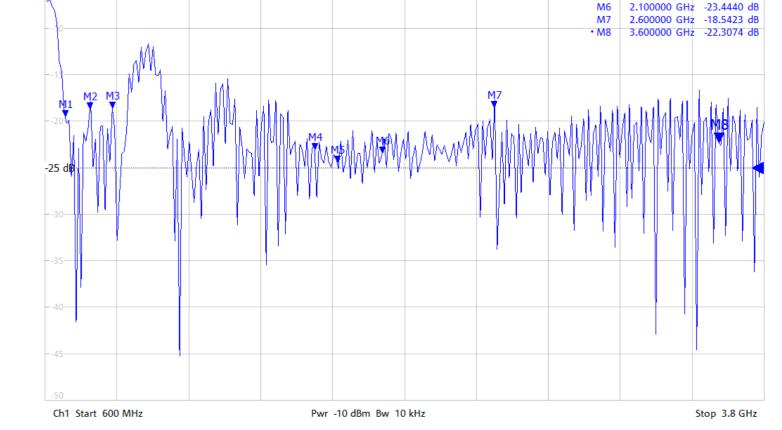
M1 690.000000 MHz -19.4971 dB M2 800.000000 MHz -18.7184 dB M3 900.000000 MHz -18.6392 dB M4 1.800000 GHz -23.0970 dB

1.900000 GHz -24.4080 dB

M5

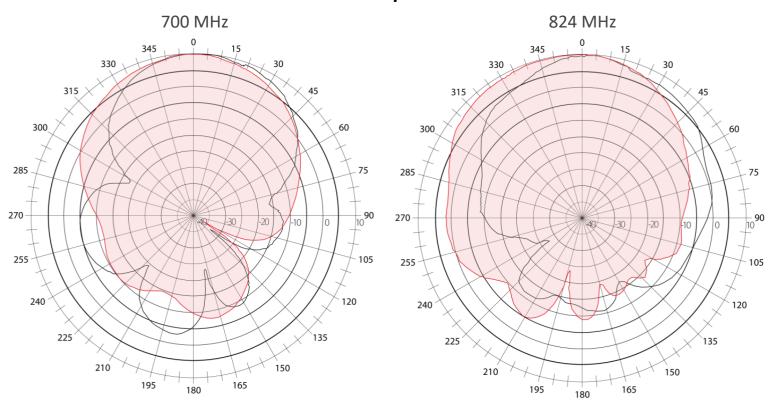
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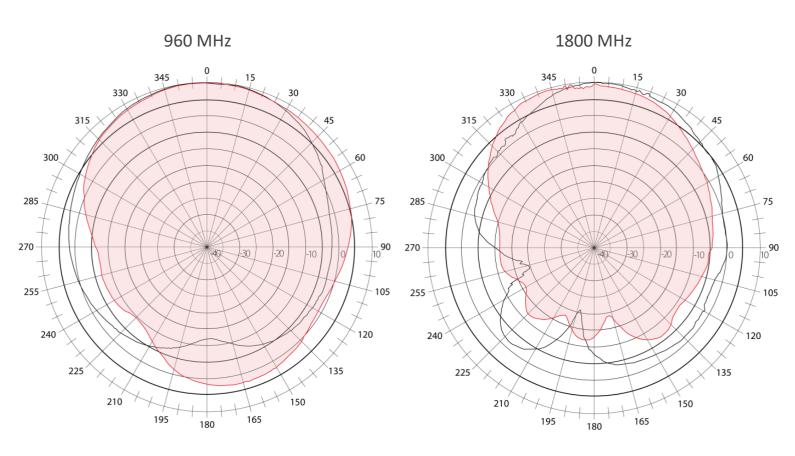
Trc1 — S11 dB Mag 5 dB/ Ref -25 dB Cal



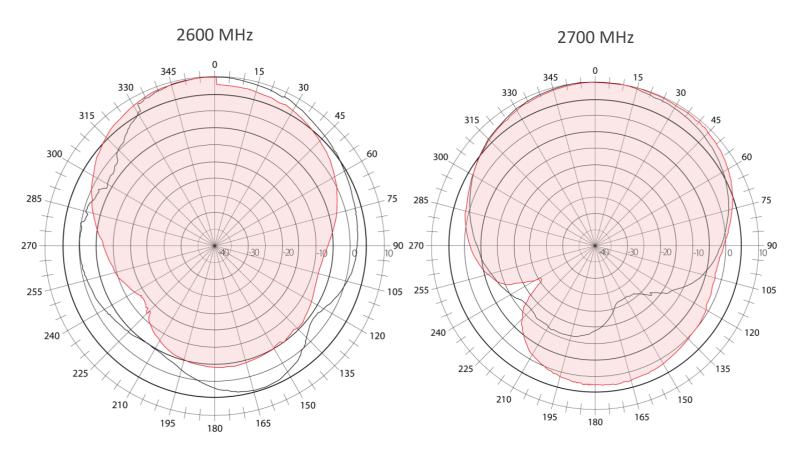
MEASURED GRAPHS AO-ALTE-XL7025-15-10M

Radiation pattern





MEASURED GRAPHS AO-ALTE-XL7025-15-10M



VARIANTS

Different connector variants or cable lengths are available on request.

CONTACTS

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