

WIDEBAND ANTENNAS

RT-LPDA 380-2700 / RT-LPDA 690-2700

NO. 1 MOST RUGGED ANTENNAS

RODAN
ANTENNAS

BOOST YOUR SPEED, WITH EXTREME COVERAGE

RODAN TECHNOLOGIES WIDEBAND ANTENNAS has a unique design not only to look good but it is also for a perfect protection in the most unforgiving weather conditions. It ensures that you never lose signal and it gives you lifetime quality of service in the full frequency band.



High performance

Long Lifetime = Low
Maintenance Costs.



Ruggedized design

Stainless- or Galvanize Steel /
UV Resistant ABS Radome in
Bomberplast.



Easy to install

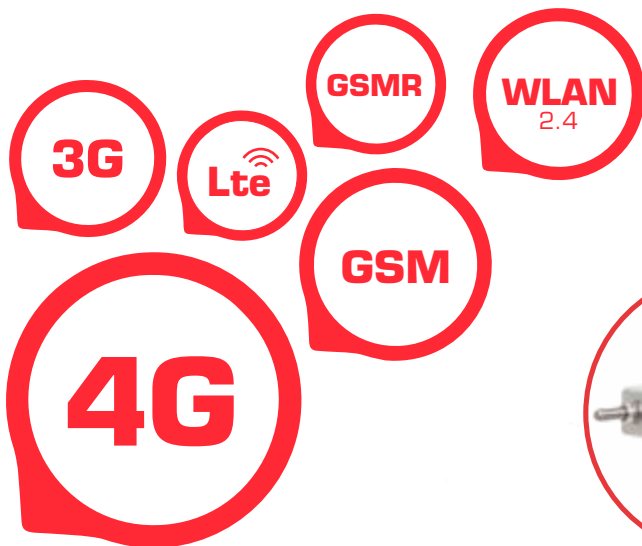
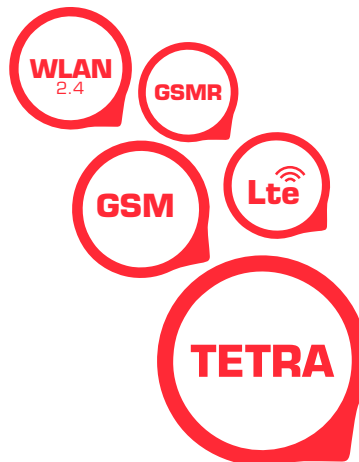
Extra solid mounting and
easy to install with Stainless
or Galvanize Pro Fix Mounts.



Everything is included

All you need for a perfect
install, is included.

Designed for use in multiple frequency communication systems



ALL INCLUDED

EASY TO INSTALL

ELECTRICAL DATA

RT-LPDA 6902700	Item Number	RT-LPDA 3802700
Log Periodic	Antenna type	Log Periodic
690 – 2.700 MHz (continuous)	Frequency range	380 – 2.700 MHz (continuous)
2.010 MHz	Bandwidth	2.320 MHz
700-2.700 MHz > 6 dBi	Gain	380-500 MHz > 4 dBi 500-700 MHz > 5 dBi 700-2.700 MHz > 6 dBi
+/- 50° +/- 30°	Beam width -3dB H-plane E-plane	+/- 50° +/- 30°
>20dB (typ.)	Front to back ratio	>20dB (typ.)
1.5:1 (typ.)	VSWR	1.5:1 (typ.)
Linear (typ. Mounting: Vertical)	Polarization	Linear (typ. Mounting: Vertical)
50 Ohms	Impedance	50 Ohms
700MHz <30W CW 900MHz <25W CW 2.600MHz <15W CW	Maximum power	400MHz <30W CW 900MHz <25W CW 2.400MHz <15W CW
N female 50 Ohm	Connector input	N female 50 Ohm

MECHANICAL DATA

Stainless or Galvanized steel and UV resistant ABS plastic	Antenna material	Stainless or Galvanized steel and UV resistant ABS plastic
-40 to +65°C	Operating Temp.	-40 to +65°C
Max. Ø65mm	Mounting tube Ø	Max. Ø65mm
0,029	Wind area m²	0,101
250X100X170	Size L B H in mm	470X100X430
2.5Kg	Weight incl. Bracket	3.5Kg
Stainless- or Galvanize steel	Bracket material incl.	Stainless- or Galvanize steel



*Typ. Radiation pattern (1 Ghz)
(Blue: E-plane, Red: H-plane)*



Designed and produced
by IKM Communication ApS

ACCESSORIES

RODAN Technologies provides products that have outstanding mechanical and environmental properties that ensures long-term durability and performance in both indoor and outdoor installations.



N-Straight plug **Rosenberger**

Connector for field installation, 53S10A-0N9N5
Suitable for RG8-LMR400.



Grounding Kit **FIMO**

KMT11-P for Copper or Aluminum corrugated
coaxial Cables. Parallel Cable exit.



Cold Shrink **3M**

Cold-shrink diameter 4,5 - 27,2 mm
L=125mm, use it for extra protection of the
cable connections.



**Low Loss
Coaxial Cable** **RODAN**


LMR 400 type, 50 Ohm, FRNC, other cable
types on request.





www.rodantech.com/antennas

RODAN TECHNOLOGIES

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