



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

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