

Code: ATK-ALP/LTE+FME/5

LOGARITHMIC ANTENNA **ATK-ALP/LTE+FME/5** GSM/DCS/UMTS/HSDPA

Net: **21.60 EUR** Gross: **21.60 EUR**

Logarithmic antenna has been designed to use in GSM/DCS/UMTS/HSDPA/LTE systems. The antenna effectively solves the problems of inadequate signal level which often occurs in the case of modems/devices with built-in antennas. To enjoy the full speed of LTE you must purchase 2 antennas - and install one vertically and the other horizontally.



SPECIFICATION

Frequency range:	800 ... 3000 MHz : GSM / DCS / UMTS / HSDPA / LTE
Connectors:	Socket FME
Gain :	max. 9 dBi
Impedance:	50 Ω
Horizontal beam width (H):	76 °
Vertical beam width (V):	66 °
Polarization:	Vertical
VSWR:	< 1.7
Main features:	• Length of the cable - 5 m, • Antenna is DC short-circuited, • Maximal mast diameter 45 mm • Very easy and quick assembly
Weight:	0.31 kg
Dimensions:	260 x 180 x 25 mm
Guarantee:	2 years

PRESENTATION

DELTA-OPTI Monika Matysiak; <https://www.delta.poznan.pl>
POL; 60-713 Poznań; Graniczna 10
e-mail: delta-opti@delta.poznan.pl; tel: +(48) 61 864 69 60



Mast mounting diameter:



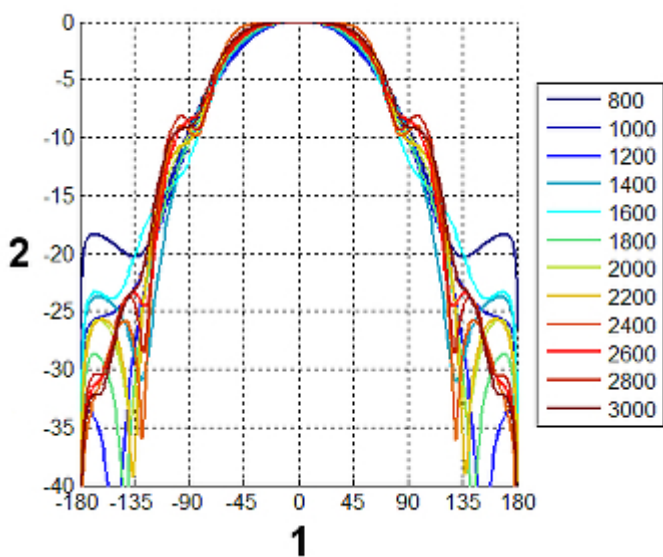
Antenna connector:



To enjoy the full speed of LTE you must purchase 2 antennas - and install one vertically and the other horizontally:



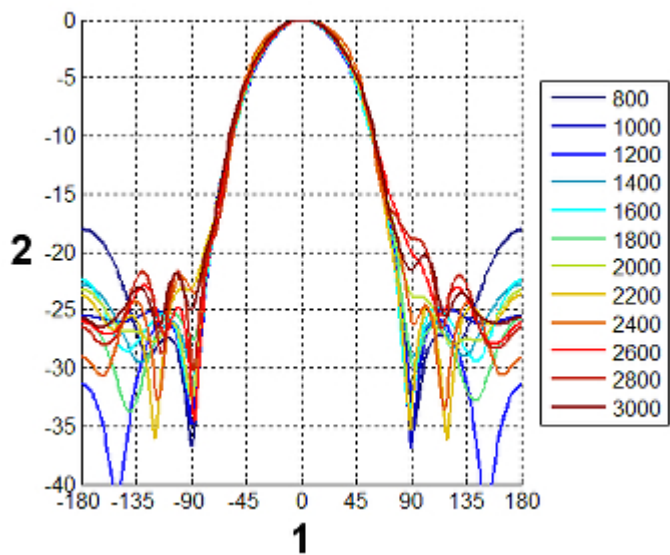
Antenna radiation patterns in horizontal plane:



1) θ beam width

2) Gain [dB]

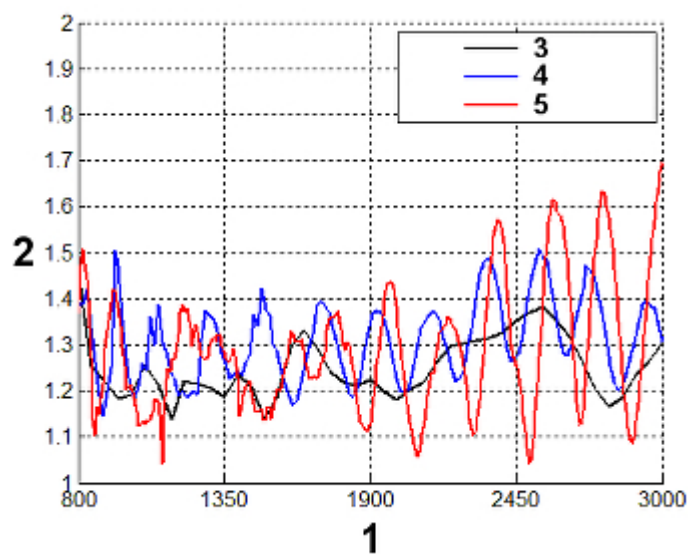
Antenna radiation patterns in vertical plane:



1) ϕ beam width

2) Gain [dB]

VSWR versus frequency:



1) Frequency [MHz]

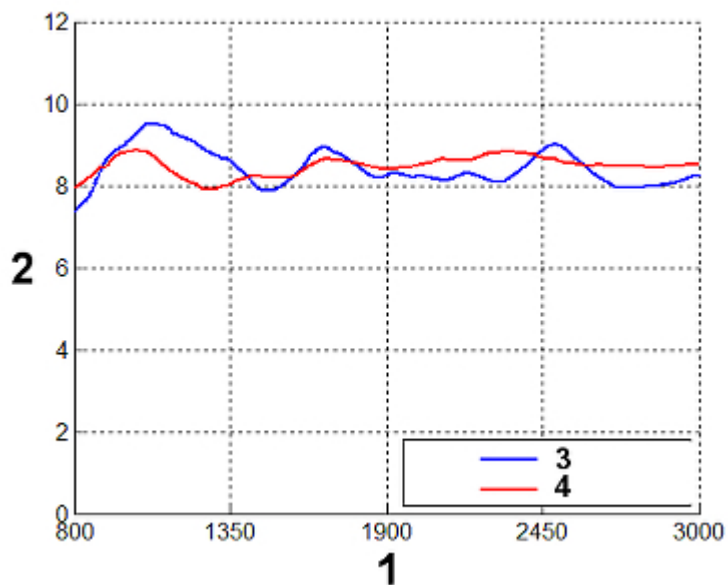
2) VSWR

3) EM simulation

4) Antenna without cover

5) Antenna with cover

Gain versus frequency response:



- 1) Frequency [MHz]
 2) Gain [dBi]
 3) Antenna without cover
 4) Antenna with cover
 In the kit:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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