



DATA SHEET ADIRTU_MATK16 (Rev.1.3 – 10/09/2013)

1. Introduction

The directional antenna ADIRTU_MATK-16 has been designed for use in UMTS systems, working in 1.9-2.1 GHz band. It is a perfect tool for solving the frequent problem that our comfortable place is not the best one for using the laptop with UMTS card or simply the UMTS mobile. The problem of unstable signal will be overcome by attaching the antenna allowing comfortable work (or entertainment!). Polarization of the antenna is marked with a sticker.

2. Overview



Antenna



Connector



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3. Specifications

Name	DIRECTIONAL ANTENNA
Code	ADIRTU_MATK16
Length of coaxial cable RF-5 (or H155) [mt]	10
Connector	SMA male
Gain [dBi]	16
Band [MHz]	1900-2100
Polarization	V/H
VSWR	<2
Half power beam (H) [deg]	30
Half power beam (V) [deg]	30
Impedance [Ω]	50
Dimensions [mm]	530x73
Weight [kg]	0.95
Packaging	cardboard box