



RFA-O5-SM-W4G

High-Performance/ Outdoor /Top Roof Antenna
For 3G/4G applications



Product Specification

Version	Issue date	Changes	Remark
1.0	2014/11/07	Initial Version	

IMPORTANT

This document contains important Information and therefore should not be disclosed to third parties without prior written consent of ORing technology Ltd.

Signature:

Author:	Reviewed by:	Approved by:	Remarks:
Martin Ho			

1. Introduction

- ◆ High performance top roof antenna with omnidirectional antenna.
- ◆ Support 3G/4G applications..
- ◆ High Performance / Wide temperature range satisfy most of operating environment.

2. Technical specification

Items	Specification		
Antenna Type	3G/4G		
	Band1	Band2	Band3
Frequency (MHz)	850~960	1710~2170	2300~2700
VSWR	≤ 2		
Gain (dBi)	2	4.5	4.5
Impedance (Ω)	50		
Polarization	Vertical		
Connector	SMA Male x 1		
Cable Length	L=100 cm (CFD200)		

3. Mechanical Specification:

- ◆ Dimensions (mm) 145 x 86 x 115 (Length x width x Height)
- ◆ Corrosion Low corrosion design
- ◆ Mounting Wall mounting, Pole mounting

4. Environmental Specification

- ◆ Environmental Conditions Outdoor
- ◆ Operation temperature(°C) -30° ~ 85°
- ◆ Storage temperature (°C) -40° ~ 85°
- ◆ IP rating IP67
- ◆ Solar radiation DIN 75220

5. Material Specification:

- ◆ Color Cool Gray 1C
- ◆ Material ASA / aluminum