



## AirLancer Extender O-360-3G

Professional omni-directional antenna for GPRS/EDGE and UMTS/HSDPA

- Omni-directional multi-band antenna
- For indoor and outdoor operation with 4dBi
- Mounting kit, cables and adapters included
- Suitable for the LANCOM 1751 UMTS

The AirLancer Extender O-360-3G from LANCOM Systems is a specialized antenna that supplements the range of professional UMTS routers from LANCOM.

Designed for outdoor installation, this antenna supports all of the relevant GSM/EDGE and UMTS/HSDPA frequencies. This antenna enables the UMTS router LANCOM 1751 UMTS to operate even in spaces with weak signal reception. The O-360-3G is an omni-directional antenna (beam spread 360° x 45°, +4 dBi antenna gain) and there is no need to direct it towards the UMTS base station to ensure good signal reception.

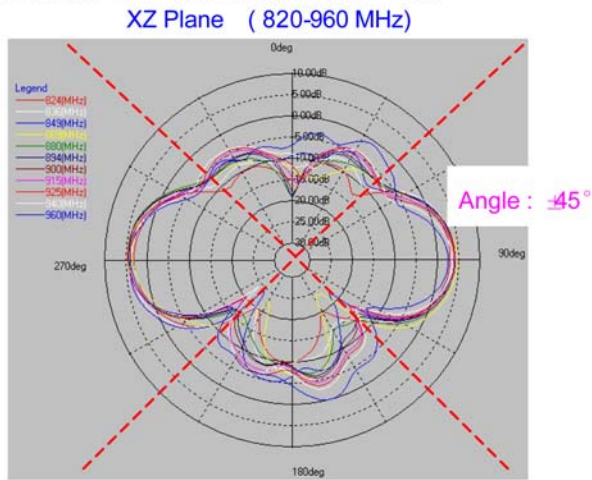
# AirLancer Extender O-360-3G

Technical data	
Frequency range	802 - 960 MHz & 1710 - 2170 MHz
Impedance	50 Ohm
Polarization	Vertical
Gain	4 dBi
Horizontal beam angle	360°
Vertical beam angle	Varies, see pattern
Mechanical specifications	
Dimensions	600 x 22 mm (length x diameter)
Housing material	UV-resistant fiberglass
Color	White
Protection rating	IP 66
Connector	N socket
Package contents	
Cable	5m, N-socket to N-connector
Adapter	SMA to N
Mounting materials	For wall and mast mounting
Item	
Warranty	2 years
Item number	61225
Suitable accessories	
AirLancer cable NJ-NP 6m, 9m	Extension cable, item no. 61231, 61232
AirLancer Extender SA-5L	Antenna cable lightning protector, item no. 61553

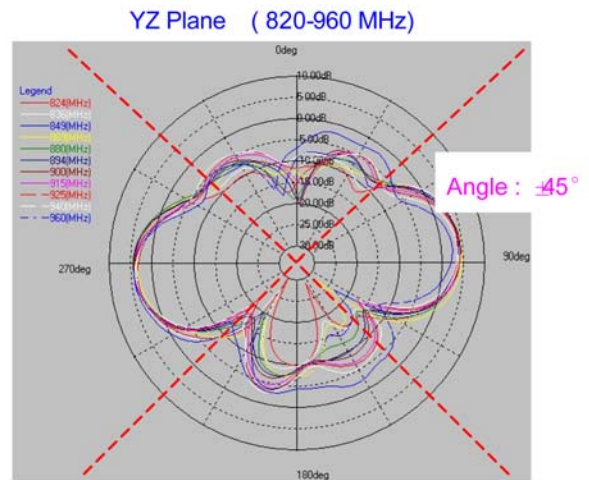
# AirLancer Extender O-360-3G

## Radiation characteristics GPRS/Edge

### Vertical radiation characteristics

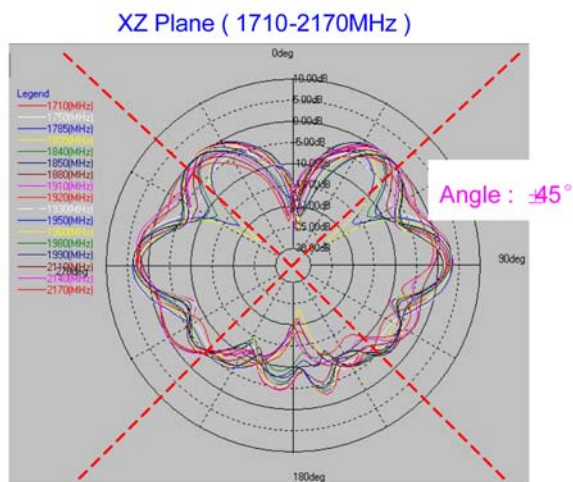


### Horizontal radiation characteristics

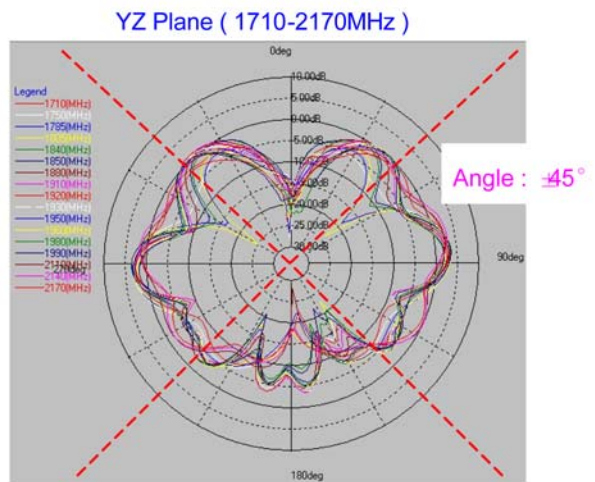


## Radiation characteristics UMTS/3G

### Vertical radiation characteristics



### Horizontal radiation characteristics



LANCOM, LANCOM Systems and LCOS are registered trademarks. Other names mentioned may be trademarks or registered trademarks of their respective owners. Subject to change without notice. No liability for technical errors and/or omissions. 11/08