



## 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 LANCOM indoor and outdoor 3G/4G routers

The AirLancer Extender O-360-3G from LANCOM Systems is a specialized antenna that supplements the range of professional 3G/4G routers from LANCOM.

Designed for outdoor installation, this antenna supports the current mobile communication standards up to HSPA+. This antenna enables the LANCOM 3G/4G routers 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.

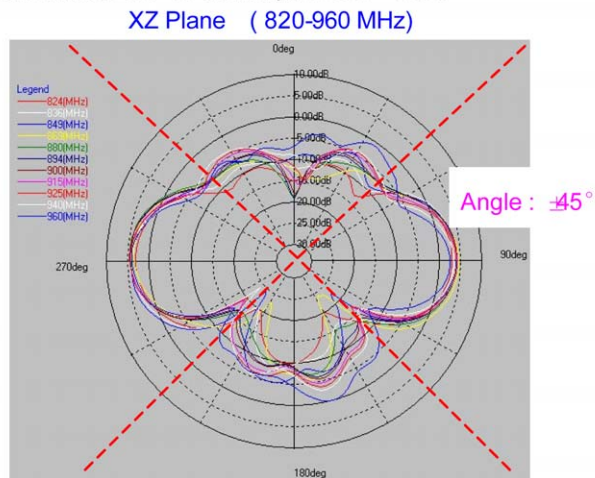
# AirLancer Extender O-360-3G

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
Fitting for	
AirLancer cable NJ-NP 6m, 9m	Extension cable, item no. 61231, 61232
LANCOM IAP-3G	Professional 3G router for M2M applications in harsh environments, item no. 61393 (EU), 61394 (UK)
LANCOM IAP-321-3G	Professional 3G router with WLAN for M2M applications in harsh environments, item no. 61396 (EU), 61397 (UK)
LANCOM OAP-3G	Outdoor 3G router for mobile broadband connectivity under extreme conditions, item no. 61539
LANCOM OAP-321-3G	Outdoor 3G router with WLAN for mobile broadband connectivity under extreme conditions, item no. 61540
LANCOM 1781-4G	Professional 4G router supporting all 2G, 3G, and 4G cellular standards, item no. 62027 (EU), 62028 (UK)
LANCOM 1781A-3G	Professional 3G router with integrated ADSL modem, item no. 62022 (EU), 62023 (UK)
LANCOM 1780EW-3G	Professional 3G router with WLAN, item no. 61382 (EU), 61383 (UK)

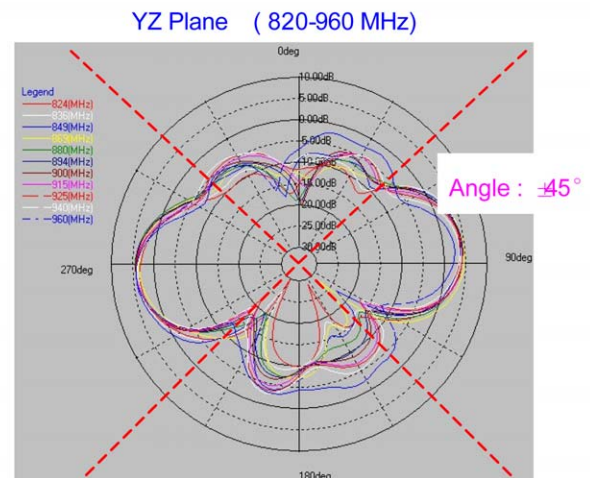
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## Radiation characteristics GPRS/Edge

### Vertical radiation characteristics

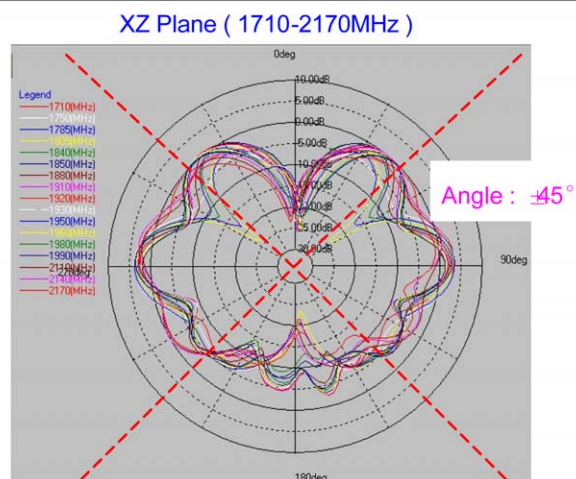


### Horizontal radiation characteristics



## Radiation characteristics UMTS/3G

### Vertical radiation characteristics



### Horizontal radiation characteristics

