

ALF 12000

# FIXED 4G LTE

MODULAR  
INFRASTRUCTURE

QUICK TO DEPLOY. SECURE. SINGLE AND MULTISITE COVERAGE



**AIR-LYNX**

[www.air-lynx.com](http://www.air-lynx.com)

**ALF  
12000  
SERIES**

**MODULAR 4G LTE PROFESSIONAL  
FIXED RADIO NETWORK**

Modular rack mounted LTE infrastructure  
Provides Single and Multisite coverage.



ePC

eNode B

Wide-band Radio  
Head

**ENODEB SPECIFICATIONS**

Standard	3GPP release 12
Duplexing mode	FDD/TDD
Transmit Power	40 W(2x43 dBm MIMO)
Channel Bandwidth	1,4-3-5-10-20 MHz
MIMO support	2x2
Group Call set up	< 400 ms
Power Supply	110-230 VA
Dimensions	19" rack 3U
Connectors	N

**EMBEDDED FEATURES**

Push-to-Talk  
Dynamic Group Calls  
Group Assignment  
Emergency Calls  
SMS or MMS

eMBMS Video Multicast  
Geolocation

Native Gateway to PSTN and VSAT  
Access  
Gateway to analog/ TETRA (option)



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**EPC SPECIFICATIONS**

Standard	3GPP release 12
Services	Local HSS, MME, SGW, PDN Gateway (1 Gbits/s)
Features	Traffic Flow Templates, dynamic QoS assignment, eMBMS