



AL Wireless

ORU-46-Q3-LN-64F-D-01

The ORU-46-Q3-LN-64F-D-01 is an outdoor remote radio unit. It is the radio frequency (RF) part of a distributed base station and can be located near antennas. Adopting an innovative design, ORU-46-Q3-LN-64F-D-01 is able to work in 4 TX and 4 RX mode and therefore supports higher output power and larger carrier capacity.

ELECTRICAL DATA

		Uplink	Downlink
Frequency	B3 (4 x 4 MIMO)	1710 - 1785 MHz	1805 - 1880 MHz
Instantaneous bandwidth		75 MHz	
Operation bandwidth		20 MHz	
Mode		LTE	
RF Output Power		4 x 40 W	
Carriers/Ant		1	
Power supply		-48 V DC (-36 V ~ - 57 V)	
CPRI		CPRI Specification V7.0	
Quantity of SFP ports for Front Haul		2	
Data rate of Front Haul		Max.10.137Gbps	
Receive Sensitivity		-101 dBm @ 15 KHz(1-way)	
3GPP Compliant		3GPP TS36.104, TS36.141	

ENVIRONMENTAL DATA

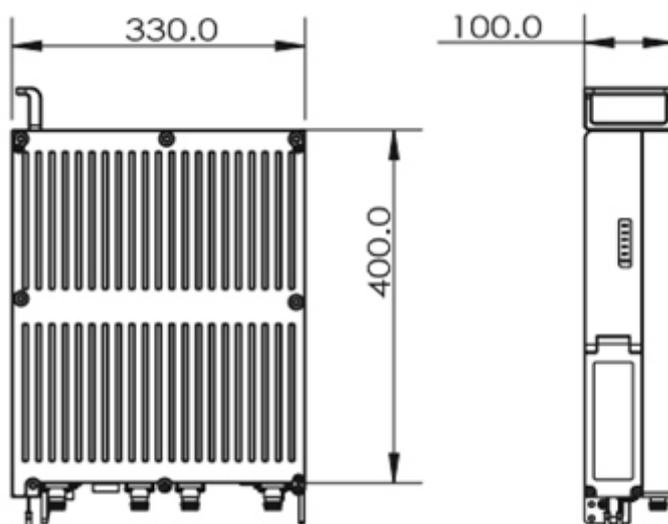
Operating temperature	-40° C to +55° C (without solar radiation), -40° C to +50° C (with solar radiation)
Relative humidity	5% RH to 100% RH
Absolute humidity	1 g/m ³ to 30 g/m ³
Atmospheric pressure	70 kPa to 106 kPa
Shockproof protection	NEBS GR63 zone4
Ingress Protection (IP) rating	IP65

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O Remote Radio Unit

MECHANICAL DATA

Size	400x330x100(mm)
Volume	13.2l
Weight	15kg
RF connectors	4x4.3-10 Female



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