

ORU-37-Q7-LN-64F-D-01

ORAN Remote Radio Unit



- The ORU-37-Q7-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-37-Q7-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

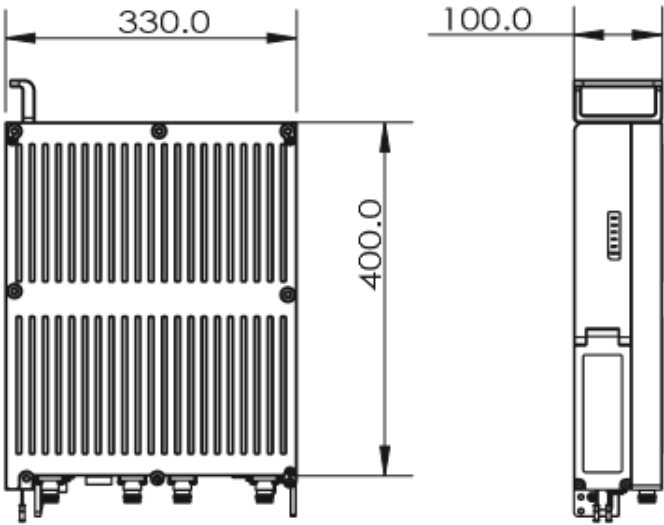
		Uplink	Downlink
Frequency	B7/N7(4x4 MIMO)	2500 - 2570 MHz	2620 - 2690 MHz
Instantaneous bandwidth		70 MHz	
Operation bandwidth		40 MHz	
Mode		LTE&NR	
RF Output Power		4x5W	
Power supply		-48V DC(-36V~-57V)	
ORAN Split option		Split option 7-2x	
Quantity of SFP ports for Front		2	
Data rate of Front Haul		Max.10.137Gbps	
Noise Figure(typical)		1.86dB	
Power Consumption		215W@10% load;315W@30% load;383W@50% load;504W@100% load	
3GPP Compliant		3GPP TS36.104, TS36.141, TS38.104,TS38.141	

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/m3 to 30 g/m3
Atmospheric pressure	70 kPa to 106 kPa
Shockproof protection	NEBS GR63 zone4
Ingress Protection (IP) rating	IP65

Mechanical Data

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



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