

DRRU-R5440N78

ORAN Remote Radio Unit

- The DRRU-R5440N78 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, DRRU-R5440N78 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	N78 (4x4 MIMO)	3300 - 3800 MHz	3300 - 3800 MHz
Instantaneous bandwidth		500 MHz	500 MHz
Operation bandwidth		100 MHz	100 MHz
Mode		NR	
RF Output Power		4x5W	
Power supply		-48V DC(-36V~-57V)	
ORAN Split option		Split option 7-2x	
Quantity of SFP ports for Front Haul		2	
Data rate of Front Haul		Max.10.3125Gbps	
Noise Figure(typical)		2.8dB	
Power Consumption (DL:UL 75:25)		105W	
3GPP Compliant		TS38.104, TS38.141	

Environmental Data

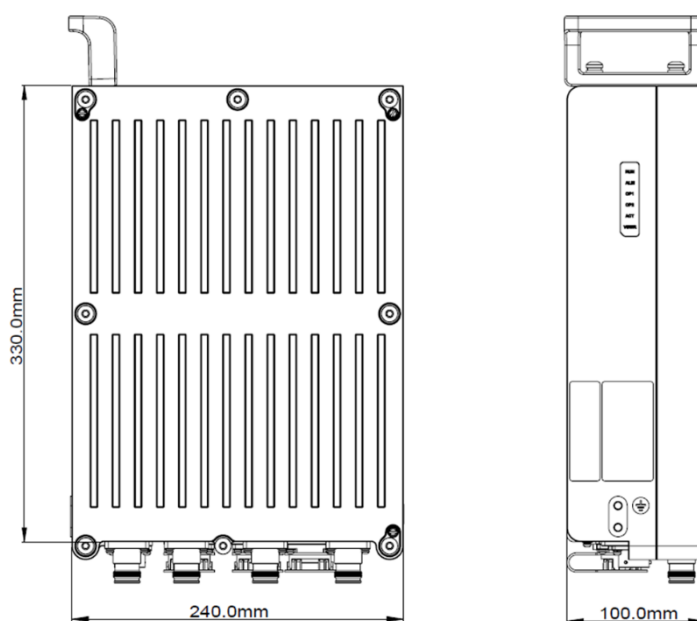
Operating temperature	-40°C to +55°C (without solar radiation) , -40°C to +50°C (with solar radiation)
Relative humidity	5% RH to 100% RH
Absolute humidity	1 g/m3 to 30 g/m3
Atmospheric pressure	70 kPa to 106 kPa
Shockproof protection	NEBS GR63 zone4
Ingress Protection (IP) rating	IP65

ORU-37-Q78-N-64F-D-01

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Mechanical Data

Size	330x240x100(mm)
Volume	<8.5L
RF connectors	4x4.3-10 Female



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