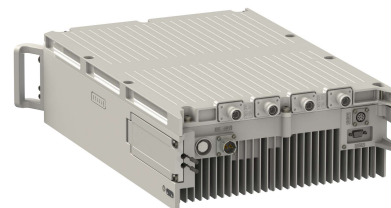


Main Features

- Supports 4T4R mode for B1/B7
- A radio frequency (RF) part of a distributed base station and can be located near antennas
- Adopting an innovative design
- Outdoor application
- Supports higher output power and larger carrier capacity



Electrical Specifications

		Uplink	Downlink
Frequency Range	B1 (4T4R)	1920 - 1980 MHz	2110 - 2170 MHz
	B7 (4T4R)	2500 - 2570 MHz	2620 - 2690 MHz
Instantaneous Bandwidth	B1	60 MHz	60 MHz
	B7	70 MHz	70 MHz
Operation Bandwidth	B1	5,10,15,20MHz per carrier	
	B7	5,10,15,20MHz per carrier	
RF Output Power	Total	---	4 x 80 W
	B1	---	4 x 40 W
	B7	---	4 x 40 W
Mode		LTE & NR	
Power Supply		-48 VDC (-36V ~ -57V)	
ORAN Split option		Split option 7-2x	
Quantity of SFP Ports for Front Haul		2	
Data Rate of Front Haul		Max. 10.3125 Gbps	
Noise Figure (typical)		< 3 dB	
Power Consumption		< 1030 W @ 100% traffic (320W)	
3GPP Compliant		3GPP TS 36.104, TS 36.141, TS 38.104, TS 38.141	

Environmental Specifications

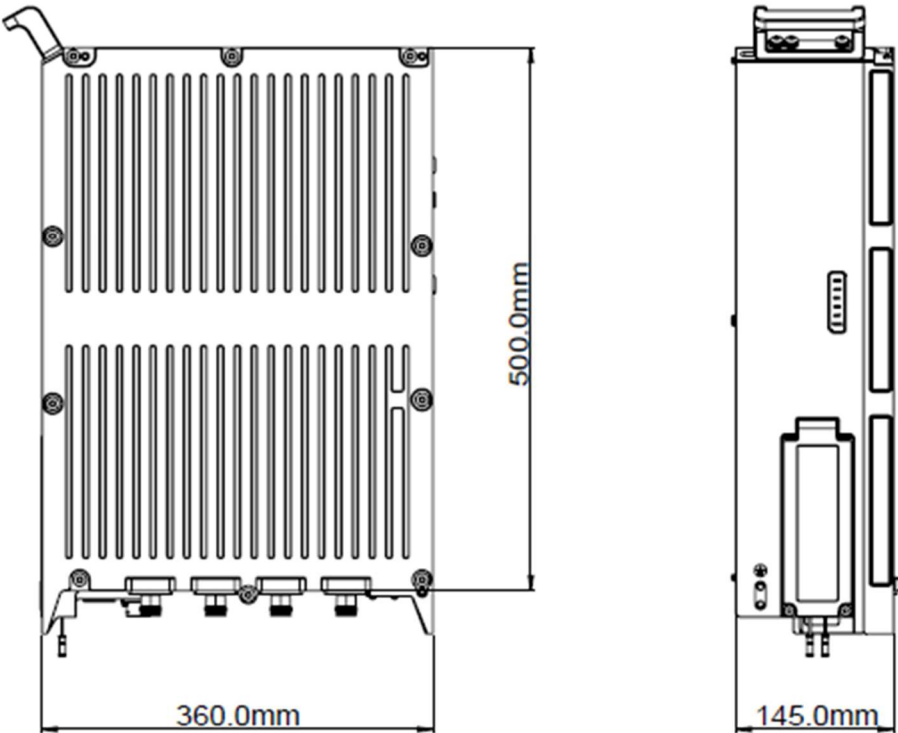
Operating temperature	-40°C to +55°C (without solar radiation), -40°C to +50°C (with solar radiation)
Relative humidity	5% RH to 100% RH
Absolute humidity	1 g/m3 to 30 g/m3
Atmospheric pressure	70 kPa to 106 kPa

Shockproof protection	NEBS GR63 zone4
Ingress Protection (IP) rating	IP65

Mechanical Specifications

Size	500 x 360 x 145 (mm)
Volume	< 27 L
Weight	< 27 kg
RF connectors	4 x 4.3-10 Female

Outline Drawing



While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.