



5G Product Portfolio

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2.6G



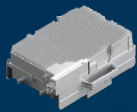
64TR
320W/160M
4/5G



32TR
320W/160M
4/5G



8TR
320W/160M
4/5G



2TR
320W/160M
4/5G



- 2.6+1.8+2.3GHz
4TR/160M+25M+50M/4/5G
- 2.6+1.8GHz 5 point position
4TR/2TR/160M+25M/4/5G



- 2.6+1.8GHz 4TR/
100W 160M+25M
4/5G
- 2.6GHz
4TR/80W 160M 4/5G

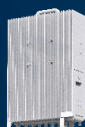
3.5G



64TR
320W/240W/200M
5G



32TR
320W/200M
5G



8TR
320W/200M
5G



2TR
320W/200M
5G



32TR (A+P)
320W/200M
5G



- 1.8+2.1+3.5GHz
4*250mW/100M/4/5G
(5 point position)
- 1.8+2.1+3.5GHz
4*500mW/200M/4/5G



- 3.5GHz 4TR/80W/200M/5G
- 3.5GHz+2.1GHz
4TR/4*10W+4*20W
3.5G:200M/2.1G 55M 4/5G

BBU



36 Carriers
NR&TD-LTE&
LTE FDD&NB-IoT
NSA/SA

4.9G



64TR
320W/100M
5G



8TR
80W/100M
5G

2.1G



2TR/4TR/8TR
160W/320W/320W/55M
4/5G

2.3G



8TR
320W/100M
4/5G



64TR
320W/100M
4/5G

700M



4TR
320W/45M
4/5G

mmWave



26GHz 4TR
8*100M CA /
4*200M CA
5G

1.8G+2.1G



4TR
320W/2*50M+2*55M
4/5G

800M+900M



4TR
320W/2*11M+2*26M
4/5G

900M



4TR
240W/26M
4/5G

● BBU—EMB6216



EMB6216

Product Model	EMB6216
Dimension(height * width * depth)	88x440x360 mm
Full Weight	18Kg
Power Consumption	350W (S111)
Capacity	NR: 36 Carriers LTE: 30 Carriers
Mode	NR&TD-LTE<E FDD&NB-IoT
5G Networking mode	NSA/SA
Synchronization method	GPS/1588v2
Power Supply	-48V DC (-57V ~ -40V)
Temperature environment	-5℃ ~ +55℃
Humidity environment	15% ~ 85%

● AAU/RRU—Macro 2.6G/N41



64TR



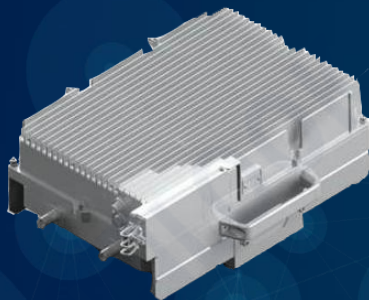
32TR



8TR

Product Model	TDAU5364(2600MHz)	TDAU5132(2600MHz)	TDRU518(2600MHz)
Frequency	2496-2690MHz	2515-2675MHz	
IBW	194MHz	160MHz	
OBW	160MHz	160MHz	
Channel quantity	64TR	32TR	8TR
Mode	NR&TD-LTE		
Antenna element quantity	192		—
Transmission Power	320W		
Dimension (W * H * D)	79L 489mm * 868mm * 186mm	85L 489mm * 868mm * 201mm	18L 320mm * 470mm * 120mm
Weight	42Kg	35Kg	20Kg
CPRI Interface	2*25G	2*25G	2*25G or 2*10G
Power Consumption(typical)	820W	600W	435W
Power Supply	-48V DC		

● RRU—Micro 2.6G/2TR/N41



TDRU522N41

Product Model	TDRU522N41
Frequency	2515-2675MHz
IBW	160MHz
OBW	160MHz
Channel quantity	2T2R
Mode	NR&TD-LTE
Transmission Power	200W
Dimension(W * H * D)	300mm * 426mm * 156mm
Weight	20Kg
CPRI Interface	2*25G/10G
Power Consumption(typical)	270W
Power Supply	DC -48V/AC 220V

● Pico RRU 2.6G/N41



2.6G/PICO

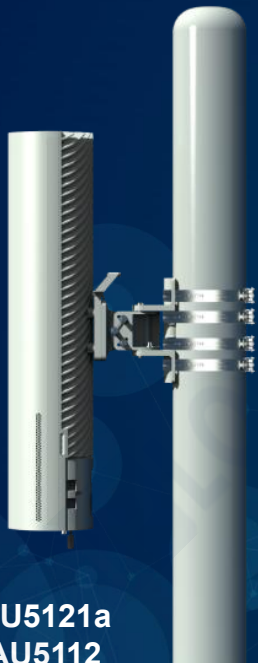
N41: 160MHz(2515-2675MHz)

B40: 50MHz(2320-2370MHz)

B03: 25MHz(1710-1735/1805-1830MHz)

Product Model	pRU5231	pRU5324(5 point position)	pRU5314
Frequency	N41+B03+B40	N41+B03	N41
IBW	N41: 160MHz B40: 50MHz B03: 25MHz	N41: 160MHz B03: 25MHz	N41: 160MHz
OBW	N41: 160MHz B40: 50MHz B03: 25MHz	N41: 100MHz B03: 25MHz	N41: 100MHz
Channel quantity	NR/TD-LTE: 4T4R TD-LTE/LTE FDD: 2T2R	NR/TD-LTE: 2T2R LTE FDD: 2T2R	NR/TD-LTE: 2T2R
Mode	NR&TD-LTE<E FDD&GSM	NR&TD-LTE<E FDD&GSM	NR&TD-LTE<E
Transmission Power	N41: 4*400mW B40/B03: 2*250mW	N41: 2*2W B03: 2*0.7W	N41: 5*2*400mW
Dimension(W * H * D)	206*206*65mm	190mm * 230mm * 55mm	190mm * 230mm * 55mm
Weight	2Kg	2kg	2Kg
Interface	25G Optical Interface		
Power Consumption(typical)	55W	55W	55W
Internal Antenna	Internal Antenna gain 3dBi/Support external antenna		

● RRU—Handy Macro 2.6G/N41



mAU5121a
mAU5112

N41: 160MHz
(2515-2675MHz)
B03: 25MHz
(1710-1735/1805-1830MHz)

Product Model	mAU5121a	mAU5112
Frequency	N41+B03	N41
IBW	160M+25MHz	160MHz
OBW	160M+25MHz	160MHz
Channel quantity	4T4R	
Mode	NR&TD-LTE<E FDD	NR&TD-LTE
Transmission Power	NR/TD-LTE: 4*20W FDD: 4*10W	NR/TD-LTE: 4*20W
Volume	18L 778mm * φ170mm	
Weight	17Kg	
CPRI Interface	2*25G	
Power Consumption(typical)	230W	200W
Power Supply	AC 220V	
Cascading level	2	

● AAU/RRU—Macro 3.5G/N78



64TR



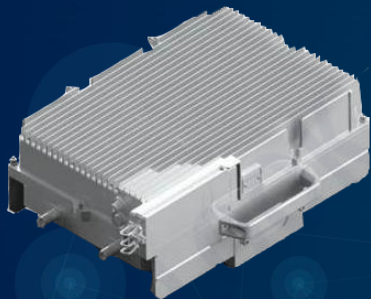
32TR



8TR

Product Model	TDAU5364(3500MHz)	TDAU5232(3500MHz)	TDRU518(3500MHz)
Frequency	3400-3600MHz	3400-3600MHz	3400-3600MHz
IBW	200M	200M	200M
OBW	200M	200M	200M
Channel quantity	64TR	32TR	8TR
Antenna element quantity	192	192	--
Transmission Power	320W	320W	320W
Dimension (W * H * D)	489mm * 868mm * 186mm	398mm * 699mm * 162mm	320mm * 470mm * 118mm
Weight	36kg	22kg	18Kg
CPRI Interface	2*25G	2*25G	2*25G
Power Consumption(typical)	815W	490W	450W
Power Supply	DC -48V		

● RRU—Micro 3.5G/2TR/N78



TDRU512N78a

Product Model	TDRU512N78a
Frequency	3300-3600MHz
IBW	300MHz
OBW	200MHz
Channel quantity	2T2R
Mode	NR
Transmission Power	200W
Dimension(W * H * D)	300mm * 426mm * 156mm
Weight	20Kg
CPRI Interface	2*25G/10G
Power Consumption(typical)	320W
Power Supply	DC -48V/AC 220V

● AAU—Macro 3.5G/N78



TDAU5232AP

Product Model	TDAU5232AP
Frequency	Active part: 3400-3600MHz Passive part:800MHz/900MHz+1.8GHz+2.1GHz
IBW	Active part: 200MHz
OBW	Active part: 200MHz
Channel quantity	Active part: 32TR Passive part:4TR+4TR+4TR
Mode	Active part: TDD NR
Antenna element quantity	96
Transmission Power	320W
Dimension	465mm * 1710mm * 235mm
Weight	54Kg
CPRI Interface	2*25G
RF interface	Passive part : DIN Type
Power Consumption(typical)	490W
Power Supply	-48V DC

● Pico RRU 3.5G/N78



pRU5235
pRU5316
pRU5326

N78:
300MHz (3300-3600M)
B1: 60MHz
(1920-1980/2110-2170M)
B3: 50MHz
(1735-1785/1830-1880M)

Product Model	pRU5235	pRU5316	pRU5326(5 point position)
Frequency	N78+B1+B3	N78	N78+B1 (3.5+2.1)
IBW	N78: 300MHz B1: 60MHz B3: 50MHz	N78: 300MHz	N78: 300MHz B1: 60MHz
OBW	N78: 200MHz B1: 55MHz B3: 50MHz	N78: 200MHz	N78: 200MHz B1: 55MHz
Channel quantity	NR: 4T4R LTE FDD: 2T2R	NR: 2T2R	NR: 2T2R LTE FDD: 2T2R
Mode	NR+LTE FDD	NR	NR+LTE FDD
Transmission Power	N78: 4*500mW B1/B3: 2*250mW	N78: 5*2*250mW	N78: 5*2*250mW B1: 5*2*100mW
Dimension	206*206*65mm	190mm * 230mm * 55mm	190mm * 230mm * 55mm
Weight	2.3Kg	2Kg	2Kg
Interface	1*25Gbit/s		
Power Consumption(typical)	55W	50W	55W
Power Supply	Photoelectric composite cable		
Antenna	Internal Antenna/Support external antenna		

● RRU—Micro 3.5G/4TR/N78



mRU5115/mRU5125

Product Model	mRU5115	mRU5125
Frequency	3.5GHz: 3400-3600MHz	2.1GHz UL: 1920-1975MHz 2.1GHz DL: 2110-2165MHz 3.5GHz: 3400-3600MHz
IBW	200MHz	2.1GHz: 2*55MHz 3.5GHz: 200MHz
OBW	200MHz	2.1GHz: 2*55MHz 3.5GHz: 200MHz
Channel quantity	4T4R	4T4R+4T4R
Mode	TDD NR	TDD NR、FDD NR、LTE FDD
Transmission Power	4* 20W	4*10W+4*20W
Dimension(W* H * D)	365mm * 373.5mm * 105.5mm	365mm * 373.5mm * 105.5mm
Weight	15Kg	15Kg
CPRI Interface	2*25G	2*25G
Power Consumption(typical)	160W	230W
Power Supply	AC 220V	AC 220V

● AAU—Macro 4.9G/64TR/N79



TDAU5364(4900MHz)

Product Model	TDAU5364(4900MHz)
Frequency	4800-4900MHz
IBW	100MHz
OBW	100MHz
Channel quantity	64TR
Mode	NR
Antenna element quantity	192
Transmission Power	320W
Dimension (W * H * D)	489mm * 868mm * 186mm
Weight	42Kg
CPRI Interface	2*25G
Power Consumption(typical)	815W
Power Supply	-48V DC

● RRU—Micro 4.9G/8TR/N79



mAU5113

Product Model	mAU5113
Frequency	4.9GHz: 4800-4900MHz
IBW	100MHz
OBW	100MHz
Channel quantity	8T8R
Mode	TDD NR
Transmission Power	8* 10W
Dimension(W * H* D)	197mm * 556mm * 96mm
Weight	13Kg
CPRI Interface	2*25G
Power Consumption(typical)	190W
Power Supply	AC 220V

● RRU—Macro 2.1G/N01



FDRU512(2100MHz)



FDRU514(2100MHz)



FDRU518(2100MHz)

Product Model	FDRU512(2100MHz)	FDRU514(2100MHz)	FDRU518(2100MHz)
Frequency	UL: 1920-1975MHz /DL: 2110-2165MHz		
IBW	55M		
OBW	55M		
Channel quantity	2	4	8
Transmission Power	2*80W	4*80W	8*40W
Dimension (W * H * D)	340mm * 480mm * 140mm	320mm * 470mm * 142mm	320mm * 470mm * 142mm
Weight	23Kg	21Kg	21Kg
CPRI Interface	2*25G/10G	2*25/10G	2*25G
Power Consumption (typical)	275W	495W	550W
Power Supply	DC -48V	DC -48V	DC -48V

● RRU—Macro 2.3G/8TR/N40



TDRU518(2300MHz)

Product Model	TDRU518(2300MHz)
Frequency	2300MHz-2400MHz
IBW	100MHz
OBW	100MHz
Channel quantity	8T8R
Mode	NR<E(TDD)
Transmission Power	320(8*40)W
Dimension(W * H * D)	320mm * 470mm * 120mm
Weight	20kg
CPRI Interface	2*25G
Power Consumption	Typical 435W
Power Supply	DC -48V

● AAU—Macro 2.3G/64TR/N40



TDAU5364(2300MHz)

Product Model	TDAU5364(2300MHz)
Frequency	2300-2400MHz
IBW	100MHz
OBW	100MHz
Channel quantity	64TR
Mode	NR<E(TDD)
Antenna element quantity	192
Transmission Power	320W
Dimension (W * H * D)	489mm * 868mm * 186mm
Weight	42Kg
CPRI Interface	2*25G
Power Consumption	Typical 820W
Power Supply	-48V DC

● RRU—Macro 700M/4TR/N28



FDRU524(700MHz)

Product Model	FDRU524(700MHz)
Frequency	UL: 703-748MHz DL: 758-803MHz
IBW	45MHz
OBW	45MHz
Channel quantity	4T4R
Mode	FDD NR&FDD LTE
Transmission Power	320(4*80)W
Dimension (W* H * D)	320mm * 470mm * 139mm
Weight	20kg
CPRI Interface	2*25/10G
Power Consumption	Typical 590W
Power Supply	DC -48V

● RRU—Macro 900M/4TR/N08



FDRU514(900MHz)

Product Model	FDRU514(900MHz)
Frequency	889-915MHz /934-960MHz
IBW	26M
OBW	26M
Channel quantity	4
Transmission Power	4*60W
Dimension (W* H * D)	320mm * 470mm * 128mm
Weight	19Kg
CPRI Interface	2*25/10G
Power Consumption(typical)	410W
Power Supply	DC -48V

● RRU—Macro 1.8G+2.1G/4TR



FDRU514X(1.8GHz+2.1GHz)

Product Model	FDRU514X(1.8GHz+2.1GHz)
Frequency	1.8G UL: 1735-1785MHz 1.8G DL: 1830-1880MHz 2.1G UL: 1920-1975MHz 2.1G DL: 2110-2165MHz
IBW	2*50MHz+2*55MHz
OBW	2*50MHz+2*55MHz
Channel quantity	4T4R
Mode	FDD NR&FDD LTE&NB-IoT
Transmission Power	320(4*80)W
Dimension(W *H * D)	356mm * 470mm * 150mm
Weight	24kg
CPRI Interface	2*25G/10G
Power Consumption(typical)	710W
Power Supply	DC -48V

● RRU—Macro 800M+900M/4TR



FDRU514X(800MHz+900MHz)

Product Model	FDRU514X(800MHz+900MHz)
Frequency	800M UL: 824-835MHz 800M DL: 869-880MHz 900M UL: 889-915MHz 900M DL: 934-960MHz
IBW	2*11MHz+2*26MHz
OBW	2*11MHz+2*26MHz
Channel quantity	4T4R
Mode	FDD NR&FDD LTE&NB-IoT
Transmission Power	320(4*80)W
Dimension(W *H * D)	320mm * 470mm * 160mm
Weight	<22kg
CPRI Interface	2*10G/25G
Power Consumption(typical)	600W
Power Supply	DC -48V

● AAU—Macro 26G/N258



TDAU5104(26GHz)

Product Model	TDAU5104(26GHz)
Frequency	24.25-27.5GHz
IBW	3.25GHz
OBW	800MHz
Channel quantity	256 Channels 512 Antenna elements (4 Digital Channels)
Mode	NR
Transmission Power	4*50W (200W)
Dimension(W * H * D)	290mm * 470mm * 110mm
Weight	<10kg
EIRP	65 dBm
Power Consumption(typical)	223W
Power Supply	-48V DC

● Pico RRU Hub



pRHB5110

Product Model	pRHB5110
Dimension(W * H * D)	380mm * 482.6mm * 44mm
Weight	8Kg
UP-CPRI Interface	2*10G+4*25G (Optical Interface)
Down-CPRI Interface	8*25G (Optical Interface)
Connect PICO quantity	8
Static Power Consumption	80W
Power Supply Capability	Available with 8 (-48V DC) connections
Power Supply	AC 220V
Max distance between BBU	10Km
Cascading level	2
Protection Level	IP31
Temperature	-5°C ~ + 55°C
Humidity environment	Long-term: 15% ~ 85% Short-term: 5% ~ 95%



Thank You