

PDAS Product Introduction

Product Overview

PDAS comprises AU and RU, employing the technology of source coupling, centralized processing and distributed radiation, to efficiently address coverage in low-traffic indoor scenarios.

Technical Features

- ✓ Multi-standard Compatibility
- ✓ Digital Signal Processing
- ✓ Flexible Transmission and Networking
- ✓ Easy Deployment and Remote Support

Application Scenarios

- ✓ Underground parking lots
- ✓ Underground shopping malls
- ✓ Hotels
- ✓ Office buildings
- ✓ Factories

Product Specifications

PDAS-Space-Coupled Type AU



AU	
Protocol bands	B3+N1+N41 , B3+N41+N78
OBW	B3:75M , N1:60M , N41:160M , N78:200M
Uplink output power	20dBm $\pm$ 1
Uplink system gain	80 $\pm$ 3dB
Uplink ACLR	$\leq$ -45dBc
VSWR	$\leq$ 1.8
Power supply mode	AC 220V/DC -48V
Power consumption	$\leq$ 85W (Does not include remote power supply)
Weight	< 8kg
Dimensions (L*W*H)	440mm*315mm*66mm
IP rating	IP30
RF ANT	N-K
OP1-8	SFP+/10Gps

Product Specifications

PDAS-Space-Coupled Type pRU



pRU	
Protocol bands	B3+N1+N41 , B3+N41+N78
OBW	B3:75M , N1:60M , N41:160M , N78:200M
Downlink output power	24dBm $\pm$ 1
Downlink system gain	85 $\pm$ 3dB
Downlink ACLR	$\leq$ -45dBc
EVM	LTE: < 5%(64QAM);NR: < 3.5%(256QAM)
Noise	< 5dB
VSWR	$\leq$ 1.8
Passband ripple	< 5dB
System delay	$\leq$ 4.5us
Power supply Mode	DC -48V
Power consumption	$\leq$ 65W
Weight	< 3kg
Dimension(L*W*H)	243mm*207mm*58mm
IP rating	IP30
RF ANT(External-Antenna)	SMA
OP	SFP+/10Gps

Product Specifications

PDAS-Direct-Coupled AU



AU	
Protocol bands	B3+N1+N41 , B3+N41+N78
OBW	B3:75M , N1:60M , N41:160M , N78:200M
Uplink output power	-10dBm $\pm$ 1
Uplink system gain	50 $\pm$ 3dB
Uplink ACLR	$\leq$ -45dBc
VSWR	$\leq$ 1.8
Power supply mode	AC 220V/DC -48V
Power consumption	$\leq$ 80W (Remote power supply is not included)
Weight	< 8kg
Dimensions(L*W*H)	440mm*315mm*66mm
IP rating	IP30
RF ANT	N-K
OP1-8	SFP+/10Gps

Product Specifications

PDAS-Direct-Coupled pRU



pRU	
Protocol bands	B3+N1+N41 , B3+N41+N78
OBW	B3:75M , N1:60M , N41:160M , N78:200M
Downlink output power	24dBm $\pm$ 1
Downlink system gain	55 $\pm$ 3dB
Downlink ACLR	$\leq$ -45dBc
EVM	LTE: < 5%(64QAM);NR: < 3.5%(256QAM)
Noise	< 5dB
VSWR	$\leq$ 1.8
Passband ripple	< 5dB
System delay	$\leq$ 4.5us
Power supply mode	DC -48V
Power Consumption	$\leq$ 70W
Weight	< 3kg
Dimension(L*W*H)	243mm*207mm*58mm
IP rating	IP30
RF ANT(External-antenna)	SMA
OP	SFP+/10Gps