



APMA

0.6m Manual Manpack Terminal

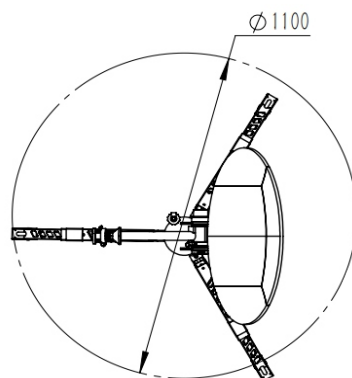
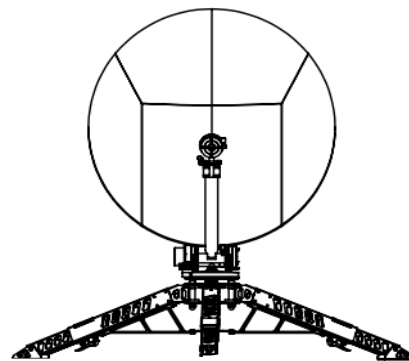
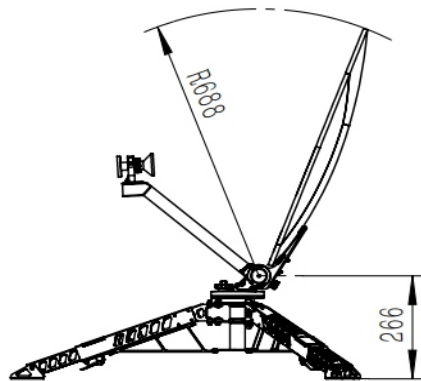
The Series of 0.6m Manual Manpack Terminal is intelligent, integrated design of portable satellite communications equipment. The modular architecture and easy-to-plug components allow the system to be fully assembled in minutes. The system can be upgradeable to the Ka band via the Ku and Ka band kits on site, and suitable used for oil and gas exploration, military communications, disaster management, emergency communications, etc.

FEATURES

- Compact , lightweight and easy to carry
- High performance Carbon Fiber reflector
- Available in Single Panel or Multi Panel
- 3-minute setup
- Replaceable Ku/Ka Feedhorn
- Heavy duty feed arm capable of supporting transceiver



Outline Drawing (All dimensions in mm)



Notes: This product can be customized according to the actual needs of the user



MAIN SPECIFICATIONS

Наименование	Ku (MDO600LKA)		Ka (MDO600CKA)	
Электрическая характеристика				
Размер антенны	0.6m			
Тип антенны	Оффсетная параболическая			
Материал отражателя	Углеродное волокно			
Частота	Rx: 10.95~12.75Ghz		Rx: 18.20~20.20Ghz	
	Tx: 13.75~14.50Ghz		Tx: 28.10~30.00Ghz	
Поляризация	Linear		Circular	
Усиление	Rx: 35.5 dBi		Rx: 40.2 dBi	
	Tx: 36.8 dBi		Tx: 43.5 dBi	
KCB(VSWR)	Rx: ≤ 1.5:1 Tx: ≤ 1.3:1			
Кросс поляризация(XPIC)	≥30.0 dB (on axis)		N/A	
Коэффициент эллиптичности	N/A		≤1.3 dB	
Вторичный лепесток	-14 dB (first sidelobe)			
Интерфейс терминала эксплуатации и ТО	WR75		Rx: WR42	Tx: WR28
Механические характеристики				
Азимутальный диапазон	-180° ~ 180°			
Диапазон высот	10° ~ 90°			
Диапазон поляризации	±90°		0° or 180° (Manual)	
Время разворачивания	≤3min			
Вес	≤7kg			
Размер	550mm x 380mm x 250mm			
Экологические показатели				
Рабочая температура	-25°C ~ 55°C			
Температура хранения	-40°C ~ 75°C			
Скорость ветра	Operational: ≤14m/s			
	Survival: ≤18m/s			
Ливень	Operational: ≤120mm/h			
	Survival: ≤230mm/h			
Влажность	5 ~ 95%			