



Communications
& Technology

PMA-60

Go Anywhere with High Performance



PMA-60

The most compact PALS manpack series antenna is PMA-60. It can be carried in a IATA weight compliant manpack bag by a person. It is deployable within 2 minutes and very easy to use and go to live instantly. No integration tool or training is needed for the operation. It is very suitable for the operations that is located at the places hard to access. PMA-60 can be used for any quick applications such as broadcast, corporate networks, military and emergency communications, etc.

Key Features

- ▶ Splash plate antenna with 2 segmented reflector
- ▶ Carbon-Fiber reflector with light weight, high strength and one person can finish the installation within 2 minutes
- ▶ Easy acquisition without any training and tools
- ▶ Fast and high-quality transmission at anytime and anywhere
- ▶ Stable tripod support legs
- ▶ Support Ku and Ka Band as an option
- ▶ Using at such industries as Broadcast, media, emergency communication, safety, oil and gas etc



GENERAL SPECIFICATIONS

Reflector Diameter	0.6m	
Reflector Type	Offset	
Setup Time	~2 Minutes	
Antenna Concept	Prime focus antenna with 2 segmented 0.6m reflector	
Number of Cases	1 Case	
Antenna Travels	AZ	360°
	EL	Up to 90°

RF CHARACTERISTIC

Ka-Band		
Frequency (GHz)	Tx	29.50 - 30.00
	Rx	19.20 - 20.20
Antenna Gain (± 0.2 dBi)	Tx	$43 + 20 \log(f/30)$
	Rx	$39.2 + 20 \log(f/20.00)$
Polarization	Circular	
TX/RX Isolation	85 dB	
Satellite Operator Compliancy	Compliant with most of satellite operator requirements	
VSWR	1.5	
Cross Polar Rejection	>35 dB within 1 dB beamwidth	

ENVIRONMENTAL SPECIFICATIONS

Temperature	Operational	-30°C to 55°C
	Survival	-40°C to 70°C
Wind Speed	Operational	40 km/h
	Survival	70 km/h
Rain	Survival in heavy rainstorm	
Humidity	Up to 100% with condensation	

Compliances / Certificates



Would you like to get more information?

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