

## MANPACK SATCOM/LOS ANTENNA

The **Manpack Antenna Kit** is a revolutionary, high-gain SATCOM and Line-Of-Site antenna designed to be used on the walk, on the halt, and on the drive.

The pistol grip and holster allows the user to quickly draw and employ the antenna using a single-hand while moving on foot. Designed with a knurled ring clamp with custom springs for quick antenna employment or stowage.

The earth spike is rugged, will not tip over and allows the antenna to be ground mounted.

The magnetic base is strong and allows the antenna to be quickly mounted to vehicles.

The antenna has a frequency range of 240 to 318 MHz in SATCOM mode (8 dBic of Gain) and between 225 to 400 MHz for UHF LOS mode.

Available in two configurations; each includes a ground spike, magnetic base, coax cable, kit bag and either a pistol or straight grip. Both models are available with or without the holster.

This antenna is now **MUOS** compatible.

## PART #s:

- TSE-RF-SAT-MP-A1 (90-degree Handle, Kit Bag)
- TSE-RF-SAT-MP-B1 (Straight Handle, Kit Bag)
- TSE-RF-SAT-MP-A12 (90-degree Handle, Kit Bag & Holster) NSN 5985-01-619-4441
- TSE-RF-SAT-MP-B12 (Straight Handle, Kit Bag & Holster)

## **Features**

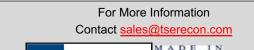
- Single-Handed Operation
- Internal LOS Antenna for Ground to Air Operations
- Designed for JTACS

- Mobile User Objective System (MUOS)
- 1⁄4" x 20 Threaded Base for Easy Attachment to Commercial Tripods
- Rugged, Durable and Weather Resistant

## Available on GSA Schedule GS-35F-0039T

GSA

Tactical Support Equipment Inc. 4039 Barefoot Road Fayetteville, NC 28306 www.tserecon.com



Phone:800.889.4030Phone:910.425.3360Fax:910.425.3361

Specifications subject to change without notice, the information in this document does not form part of any contract or quote.

Advantage



Specifications (TSE-RF-SAT-MP-A1, TSE-RF-SAT-MP-B1, TSE-RF-SAT-MP-A12, TSE-RF-SAT-MP-B12)		
Frequency Range	240-380 MHz UHF SATCOM ( <b>MUOS</b> ) 225-400 MHz LOS	
Power Handling	200 Watts	
VSWR	Less than 1.5:1 throughout SATCOM band	
Gain	8 dBic in SATCOM band	
Peak Gain	9.5 dBic in SATCOM band	
Beam Width	3 dB BW or 100 degrees	
Polarization	Right hand circular	
Finish	Anodized Aluminum	
Connector	BNC (Female)	
Operating Temperature	-25 to +160 degrees F	
Storage Temperature	-54 to +250 degrees F	
Dimensions	Diameter in stowed position: 1.85" Height: 10.25"	
Weight	Less than 1 lbs.	



Included Accessories		
Pistol Grip for hand-held operations	Ground Spike for unattended placement in ground	
Magnet Mount for vehicle operations	Nylon Storage Bag	
RG-223 BNC (Male) straight to BNC (Male) straight cable, 6 ft.		

Tactical Support Equipment Inc.For More InformationPhone:800.889.40304039 Barefoot RoadContact sales@tserecon.comPhone:910.425.3360Fayetteville, NC 28306Fax:910.425.3361www.tserecon.comGSA Advantage!FuseFax:

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