

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)



SATCOM MODE



LOS MODE

Features

- Single-Handed Operation
- Internal LOS Antenna for Ground to Air Operations
- Designed for JTACS
- Mobile User Objective System (**MUOS**)
- ¼" x 20 Threaded Base for Easy Attachment to Commercial Tripods
- Rugged, Durable and Weather Resistant

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

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

For More Information
Contact sales@tserecon.com

Phone: 800.889.4030
Phone: 910.425.3360
Fax: 910.425.3361



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 (MUOS) 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.	

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