



MANPACK HELICAL ANTENNA

MODEL SAT-MP-320

TACO's high gain Manpack Antenna is designed for UHF SATCOM-on-the-move communications.

The SAT-MP-320 covers the entire frequency band 240-400 MHz with 12 dBic gain. This **single piece** foldable antenna and tripod unit deploys in under one minute with no additional parts.

Built to military standards, this rugged yet small antenna includes a durable nylon carrying bag.

ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE	240-400 MHz
GAIN (dBic)	12
VSWR (Maximum)	1.5:1
POLARIZATION	Circular Right Hand
CROSS POL. REJECTION	20 dB
HPBW	60 degree
IMPEDANCE	50 Ohm
BACK-TO-FRONT RATIO	24 dB
CONNECTOR	BNC Male
MAXIMUM POWER	200 Watts
OPERATING TEMPERATURE	-40 to 180 F
	-40 to 82 C
STORAGE TEMPERATURE	-70 to 200 F
	-57 to 93 C



Carrying Bag & Cables

MECHANICAL SPECIFICATIONS

LENGTH: COLLAPSED	20 in. (50.8 cm)
DEPLOYED	43.5 in. (110.5 cm)
TOTAL WEIGHT	5.5 lbs. (2.5 kg)
COLOR	Dull Black

WIND LOAD SPECIFICATIONS

WIND AREA (NO ICE)	1.33 SQ. FT.
WIND LOAD (NO ICE)	51.6 FT-LBS.
WIND RATING	80 M.P.H. with ballast

TACO Antenna's policy of continuing development may result in changes to its products.

US AND INTERNATIONAL

TACO Antenna Sales Rep

Tel: 717.975.0885
Toll Free: 866.975.4433
Fax: 717.763.0469
Email: sales@tacoantenna.com
Web Site: www.tacoantenna.com

CANADA

TACO Antenna

A division of Wade Antenna, Inc.
29 Sharp Road
Brantford, Ontario N3T 5L8, Canada
Tel: 519.756.7157
Fax: 519.756.5056
cansales@tacoantenna.com