



TRIVEC AV 2090-10 & TRIVEC AV 2090-11 Series FOLDABLE X-WING SATCOM ANTENNAS



Available in Desert Sand or Black

225 MHz to 400 MHz

The AV 2090-10 and AV 2090-11 series “X-Wing” foldable SATCOM-On-The-Move antennas benefit from foldable elements which can be quickly deployed when needed. The AV 2090-10 and AV 2090-10S are dual-mode UHF Line-of-Sight (LOS) and UHF SATCOM antennas that are ideal for SATCOM On-The-Move operations. The LOS antenna can be used for communicating with satellites that are low on the horizon. Both can be used with most tactical Multi-Band, Multi-Mode Receivers (MBMMR), as well as all airborne and ground transceivers that accept a 50 ohm antenna impedance.

The AV 2090-11 and AV 2090-11S series “X-Wing” foldable SATCOM-On-The-Move antennas are designed as “multi-mission” antennas via manpack (rucksack), vehicular or shipboard. The included monopod or tripod can be used for rucksack applications, while the supplied magnetic mount can be used for shipboard or vehicular applications.

SPECIFICATIONS

	AV 2090-10/-10S	AV 2090-11/-11S
Gain	High Angle: +8 dBic Low Angle: +3.0 dBil	Free Space: +4.0 dBic w/GND Plane: +6.5 dBic
Frequency	High Angle: 225 to 400 MHz Low Angle: 240 to 400 MHz	225 to 400 MHz
Polarization	High Angle: right-hand circular Low Angle: vertical, linear	right-hand circular
VSWR	High Angle: 1.5:1 Low Angle: 3.0:1	1.5:1
Power Handling	200 Watts CW	200 Watts
Axial Ratio	3 dB at half power points	3dB at half power points
Weight	2.75 lbs.	6.99 lbs. (w/all mounts)
Connector	High Angle: N female Low Angle: TNC female	BNC female
Mounting	magnetic	tripod, monopod, mag.
Finish	black or Desert Sand	black or Desert Sand

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Part Number	Primary & Sub-Assemblies
BH-AV2090-10	Trivec X-Wing Foldable SATCOM antenna, black NSN: 5985015522655
BH-AV2090-10S	Trivec X-Wing Foldable SATCOM antenna, desert sand NSN: 5985015136429
BH-AV2090-11	Trivec X-Wing Foldable SATCOM Multi-Mission antenna, black NSN: 5985015377056
BH-AV2090-11S	Trivec X-Wing Foldable SATCOM Multi-Mission antenna, desert sand NSN: 5985015377058
BH-AV2090-121	2090 antenna base unit (no mount included)
BH-AV2090-123	Magnetic base mount for AV 2090-11 NSN: 5340015760993



We are committed to supplying our customers with the kind of quality commo equipment we would want on the battlefield. Our staff of retired and semi-retired Special Operations soldiers are operators first and foremost. We understand your mission sets and can discuss equipment advantages and disadvantages as they pertain to real-world combat environments. In addition to our own line of SATCOM antennas, accessory kits and distributorship of the new SWIPES system, we are a leading distributor of high-end commo gear from such companies as:

- Thales
- Motorola
- Trivec
- Iridium
- Shakespeare
- Syntonics
- And More!



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