

3040 AUTOMATIC WHIP ANTENNA

FEATURES AT A GLANCE



- 2 to 30 MHz
- 125 W PEP
- Tunes 2.4 and 4.4 m (NVIS) whip antenna lengths
- Fast tuning 1 sec average
- Memory tune < 150 ms
- Supports ALE and frequency hopping modes
- Integral Active Wideband Receiver Amplifier for scanning
- MIL-STD-810F (Temperature, Immersion, Vibration, Dust)
- Designed to MIL-STD-461

The 3040 Automatic Whip Antenna is a Low Profile alternative to the highly successful 9350, and operates with both the NGT™ and 2110 family of radios. With a 70% reduction in height and almost half the weight of a 9350, the 3040 provides flexibility to installations.

Rugged design

The 3040 is built to withstand severe conditions experienced in deployed environments around the world. It meets MIL-STD-810F for Temperature, Immersion, Vibration and Dust, which ensures the 3040 will provide reliable operation and consistent tuning whilst traversing all types of terrain.

Fast performance

During operation, the 3040 offers a tune time twice as fast as the 9350 and a memory tune 12 times as fast. The unit is supplied with a stainless steel spring, fibre glass riser and a selection of either Stainless Steel or Fibre Glass Whip Antennas, with an optional NVIS (Near Vertical Incident Skywave) Antenna kit.



3040 AUTOMATIC WHIP ANTENNA

Specifications

General

Frequency range	2.5 to 30 MHz (2.4 m Whip), 2 to 15 MHz (4.4 m NVIS)
Power rating	125 W PEP (voice and data)
Power consumption	Typically 0.4 A, less than 0.8 A max
Input impedance	50 Ω
VSWR	Typically $\leq 1.5:1$
Tuning speed	New frequency 1 sec average, memory tune <150 ms
Memory channels	Unlimited

Mechanical

Temperature rating	-40°C to 70°C, 95% humidity
DC operating range	11 to 15.5 V DC (12 V DC nominal)
Protection	Open circuit, short circuit, over voltage, over temperature, voltage transients, high VSWR
MIL-STD 810F	Temperature, Immersion, Dust, Vibration
MIL-STD-461	Designed to standard
Dimensions	145 mm W x 165 mm D x 240 mm H (excludes spring and whip)
Weight	3.15 kg including spring and whip
Mounting	M14 stud, 40 mm long
Colour	Black

Components

08-07007-001	3040 Automatic Whip Antenna
08-07008-001	Spring
78-18058	Riser, fibreglass, 0.8 m
78-23085	Whip, fibreglass, 1.6 m
78-23086	Whip, stainless steel, 1.6 m
15-04166-EN	Manual (English)

Accessories

78-14010	NVIS Antenna Kit
05-07958	Adaptor, NVIS tilt
08-05627-006	3040 to NGT™ control cable, 6 m
08-01503-006	3040 to NGT™ coaxial cable, 6 m (UHF to UHF)



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Values noted are typical. Equipment descriptions and specifications are subject to change without notice or obligation.



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