

Codan 3040 Automatic Whip Antenna

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Codan 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.

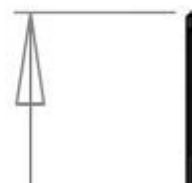
Rugged design The Codan 3040 is built to withstand severe conditions experienced in deployed environments around the world. It meets MIL-STD-810F for Temperature, Immersion, Vibration and Dust, which ensures the 3040 will provide reliable operation and consistent tuning whilst traversing a types of terrain.

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.

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

Specifications

General	
Frequency range	2.5-30 MHz (2.4 m Whip), 2-15 MHz (4.4 m NVIS)
Power rating	125 W PEP (voice and data)
Power	Typically 0.4 A, less than 0.8 A max



consumption	
Input impedance	50 Ω
VSWR	Typically <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	11-15.5 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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