

2019 Automatic tuning mobile HF antenna

Option for		Part Number	Packaging Type	Net Weight	
2030	2050				
x	x	BCA201900	C5	5.50 kg	

Features:-

- Frequency range 2 to 30 MHz
- Fast tuning - typically less than 2 seconds

Note:- See brochure for more detailed information.



SA-2019



BCA201904



BCA201903



BCA201901



BCM201901

Includes:-

Barrett 2019 Antenna

Control cable 2019 Antenna to transceiver - 6 m

Fibreglass split whip top section and bottom section

Standard spring black - for 2019

Barrett 2019 Installation sheet

SA-2019

BCA201904

BCA201901

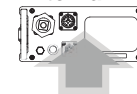
BCA201903

BCM201901

Internal fit GPS Receiver for 2019 Antenna

GPS receiver fitted inside the 2019 Antenna, interfaces to the 2050 Transceiver via the RF control cable supplied with 2019 Antennas.

Option for		Part Number	Packaging Type	Net Weight	
2030	2050				
x	x	BCA201902	N/A	N/A	

Internal Fit**NVIS Whip**

The Barrett Near Vertical Incidence Skywave (NVIS) antenna whip is designed to enhance the short range communications efficiency of the Barrett 2019 Automatic Tuning Mobile HF Antenna. The usable frequencies for NVIS communications are between 2 MHz and 15 MHz. Length 4000 mm

Includes:-

- NVIS Gutter Mount bracket P/N BCA201912
- Carry bag - colour black P/N BG-00011
- NVIS kit installation guide P/N BCM201910

x	x	BCA201910	T4	1.0 kg	
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**NVIS Magnetic base**

The NVIS Kit Magnetic Mounting Base is designed to provide fast and convenient mounting of the end of the NVIS antenna whip (P/N BCA201910). The three powerful magnet feet are covered with silicone rubber to prevent damage to painted surfaces.

Includes:-

- NVIS kit installation guide P/N BCM201910

x	x	BCA201911	C4	0.40 kg	
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NVIS Gutter mount bracket

Option for		Part Number	Packaging Type	Net Weight	
2030	2050				
x	x	BCA201912	C4	0.16 kg	

Gutter mount bracket for NVIS whip.

Includes:-

- NVIS kit installation guide P/N BCM201910


Fibreglass split whip top section and bottom section

x	x	BCA201901	T3	0.55 kg	
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Includes:-

- one middle and one top MIL-SPEC Whip sections (colour black)
- Length 1610 mm


Stainless steel whip

x	x	BCA201906	T4	0.40 kg	
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Single section stainless steel whip for the Barrett 2019 Automatic tuning mobile antenna for NVIS operation. Length 2080 mm.


Extendable whip

x	x	BCA201909	T3	0.25 kg	
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Tapered, blackened, aluminium whip shaft with pull out, blackened stainless steel whip for use with 2019 automatic tuning mobile antenna
 Unextended length – 810 mm
 Extended length – 1560 mm



	Option for		Part Number	Packaging Type	Net Weight	
	2030	2050				
Standard spring black - for 2019	x	x	BCA201903	C4	0.70 kg	

2019 Standard spring - colour black.



Control cable 2019 Antenna to transceiver - 6 metres	x	x	BCA201904	C6	0.95 kg	
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6 metres - composite cable combining control and coaxial cable - with connectors to suit 2019 Automatic tuning mobile when used with 2030/2050 Transceiver.



Control cable 2019 Antenna to transceiver - 10 metres	x	x	BCA201905	C6	1.45 kg	
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10 m - composite cable combining control and coaxial cable - with connectors to suit 2019 Automatic tuning mobile when used with 2030/2050 Transceiver.



Universal antenna mounting bracket	x	x	BCA90033	C6	1.45 kg	
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Suit 2019 Automatic tuning mobile antennas mounted on bull bars.



2018 Mobile magnetic loop HF antenna

Is ideal for NVIS propagation or applications requiring constant coverage for distances of 0-1000 km.

Note:- See brochure for more detailed information.
 Roof mounting brackets not included.

Option for		Part Number	Packaging Type	Net Weight	
2030	2050				
x	x	BC201801	N/A	N/A	



BC201801



BCA201800



BCM201800

Includes:-

6 metres Interface cable and coaxial cable			BCA201800			
Operation and installation manual			BCM201800			

Automatic tuning antennas

2017 Automatic tuning horizontal dipole (3 - 30 MHz) - 200 W PEP

Option for		Part Number	Packaging Type	Net Weight	
2030	2050				
x	x	BC201700	C5 & T5	10 kg	

Designed for base station applications where space is at a premium but a high performance is still required.

The integrated Rx preamp provides broadband impedance matching during scan mode (receive) operation. This ensures compatibility with modern link establishment protocols such as ALE, Selcall and Modem/Data modes.

Installed width of antenna is 8 metres.

Includes:-

- 30 metres of integral RF control cable and connectors

Note:- See brochure for more detailed information.



4017 Automatic tuning horizontal dipole (2-30 MHz) - 150 W PEP

x	x	BC401700	C5 & T5	7.0 kg	
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The Barrett 4017 is a compact base antenna solution for installations in areas with space limitations where normal wire broadband antennas are not practical.

Full Coverage from 2~30MHz.

Omni directional Radiation, Can be installed on wide range of masts & poles

Recommended height 6 ~ 10 metres

Max installed length 5.7 metres

Compact packaging for Air Shipment

ALE compatible

Includes:-

- 30 metres of integral RF control cable and connectors P/N BCA201907

Note:- See brochure for more detailed information



4011 Automatic antenna tuner

Option for		Part Number	Packaging Type	Net Weight	
2030	2050				
x	x	BC401100	C2	4.20 kg	

Features:-

Frequency Range: 2 - 30MHz tuneable
 Power Rating: 150 Watts PEP
 Memory tune in <130ms, Non-Memory tune in <1 sec
 ALE compatible
 Frequency-hopping compatible
 MIL-STD-810F Waterproof, Vibration, and Dust


Includes:-

- 6 metre extension control cable and connectors P/N BCA201904

Note:- Not suitable for fixed marine installations

911 Automatic antenna tuner

x	x	BC91100	C2	2.60 kg	
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1.6 to 30 MHz - Tunes whips and long wires.

Includes:-

- 6 metres extension control cable and connectors P/N BCA90032


6 metres Antenna extension control cable - to suit 911

x	x	BCA90032	C6	0.95 kg	
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Composite cable combining control and coaxial cable - with connectors to suit 911 Automatic antenna tuner when used with 2030/2050 Transceiver.


10 metres Antenna extension control cable - to suit 911

x	x	BCA90040	C6	1.55 kg	
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Composite cable combining control and coaxial cable - with connectors to suit 911 Automatic antenna tuner when used with 2030/2050 Transceiver.



	Option for		Part Number	Packaging Type	Net Weight	
	2030	2050				
" E " plate (earth plate)	x	x	BCA91700	N/A	N/A	
Is a grounding plate which is mounted to the bottom of the boat to ensure adequate/effective grounding.						
Insulator - feed through	x	x	BCA91701	N/A	N/A	
To feed high voltage leads through decks / walls to 35 mm thickness.						
Insulator - back stay	x	x	BCA91702	N/A	N/A	
To insulate the back stay of a yacht to use as an HF antenna - up to 1100 kg strain.						
Copper earth strap (per metre)	x	x	BCA91703	N/A	N/A	
For RF earthing between antenna tuner, transceiver and "E" plates or other earthing points - 50 mm x 0.5 mm.						
Radial earth mat / ground plane	x	x	BCA20026	N/A	N/A	
Counterpoise to use with whip in fixed high power base station applications 12 x 10 metres radials.				