



Established in 1976 Barrett Communications designs, manufactures and markets HF and VHF radio equipment for specialised, autonomous, medium and long distance radio communications. HF and VHF radio communications is “free to air”; having no recurring usage charges once the communications network has been installed.

Barrett radio networks are capable of providing voice, email, data, fax, and tracking solutions for fixed base station, mobile and manpack portable applications. Our global distribution and customer support network provides easy access and backup for our customer base in over 150 countries globally.

This catalogue is supplementary to the Barrett 4000 series product catalogue. It primarily details ancillary equipment which can be used to form the many different configurations available for large HF communications systems designed and created by Barrett Communications.

■ Standard System Configurations	5
■ Local and remote control devices	15
■ Control position accessories	21
■ Coaxial switching devices	25
■ High power ATU	29
■ Racking options and accessories	35
■ Antenna masts, whips and accessories	41
■ Coaxial Cables and accessories	47
■ Lightning protection and earthing (grounding)	53
■ Packaging	57

Note:-

1. Specifications are typical. Equipment descriptions and specifications are subject to change without notice or obligation
2. For complete technical specifications please refer to your business development manager
3. Net weights provided are indicative and are subject to variation, they are provided as guide for operational use of products only.
Packed weight will be determined based on orders once received and as such are not indicated in this catalogue.



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Standard System Configurations

	Part Number	PKG Type	Net Weight
4075 HF High Power Transmitter Package 20 RU - 1 Kw	BC407510	N/A	172 kg

The Barrett 4075 high power HF Transmitter is a compact rack mounted communications solution developed for base station applications.



See brochure for more detailed information.

Note:-

High power transmitters require high quality earthing systems and it is recommended that lightning arrestor kits are used on RF coaxial feeders. Details of required earthing systems are available from our technical service department and are supplied in the operation and installation manual.

For additional options and accessories, please see relevant section detail.

Includes:-

20U desk mount rack	BCA407522		
4050 HF SDR Transceiver	BC405000		
4022 Power Supply Unit 24 V	BC402201		
4075 Linear amplifier 1 kW	BC407501		
Fan unit to suit 4050	BCA40002		
4000 series Rack mount kit	BCA40007		
4075 Power Supply Unit 1kW	BC407503		
AC Power distribution unit (power cable unterminated)	BCA407520		

Part Number	PKG Type	Net Weight
BC407512	N/A	172 kg

4075 HF High Power Transmitter Package

20 RU - 500 W

The Barrett 4075 high power HF Transmitter is a compact rack mounted communications solution developed for base station applications.

See brochure for more detailed information.

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For additional options and accessories, please see relevant section detail.

Includes:-



20U desk mount rack	BCA407522		
4050 HF SDR Transceiver	BC405000		
4022 Power Supply Unit 24 V	BC402201		
4075 Linear amplifier 500 W	BC407500		
Fan unit to suit 4050	BCA40002		
4000 series Rack mount kit	BCA40007		
4075 Power Supply Unit	BC407502		
AC Power distribution unit (power cable unterminated)	BCA407520		

Part Number	PKG Type	Net Weight
BC407511	N/A	258 kg

4075 HF High Power Transmitter Package

39 RU - 1 kW

The Barrett 4075 high power HF Transmitter is a compact rack mounted communications solution developed for base station applications.

See brochure for more detailed information.

Note:-
High power transmitters require high quality earthing systems and it is recommended that lightning arrestor kits are used on RF coaxial feeders. Details of required earthing systems are available from our technical service department and are supplied in the operation and installation manual.

For additional options and accessories, please see relevant section detail.



Includes:-

39U desk mount rack	BCA407523		
4050 HF SDR Transceiver	BC405000		
4022 Power Supply Unit 24 V	BC402201		
4075 Linear amplifier 1 kW	BC407501		
Fan unit to suit 4050	BCA40002		
4000 series Rack mount kit	BCA40007		
4075 Power Supply Unit 1kW	BC407503		
AC Power distribution unit (power cable unterminated)	BCA407520		

Part Number	PKG Type	Net Weight
BC407514	N/A	258 kg

4075 HF High Power Transmitter Package

39 RU - 500 W

The Barrett 4075 high power HF Transmitter is a compact rack mounted communications solution developed for base station applications.

See brochure for more detailed information.

Note:-

High power transmitters require high quality earthing systems and it is recommended that lightning arrestor kits are used on RF coaxial feeders. Details of required earthing systems are available from our technical service department and are supplied in the operation and installation manual.

For additional options and accessories, please see relevant section detail.



Includes:-

39U desk mount rack	BCA407523		
4050 HF SDR Transceiver	BC405000		
4022 Power Supply Unit 24 V	BC402201		
4075 Linear amplifier 500 W	BC407500		
Fan unit to suit 4050	BCA40002		
4000 series Rack mount kit	BCA40007		
4075 Power Supply Unit	BC407502		
AC Power distribution unit (power cable unterminated)	BCA407520		

	Part Number	PKG Type	Net Weight
4075 HF High Power Transmitter Package No Rack - 1 kW	BC407520	N/A	N/A

The Barrett 4075 high power HF Transmitter is a compact rack mounted communications solution developed for base station applications.



See brochure for more detailed information.

Note:-
High power transmitters require high quality earthing systems and it is recommended that lightning arrestor kits are used on RF coaxial feeders. Details of required earthing systems are available from our technical service department and are supplied in the operation and installation manual.

For additional options and accessories, please see relevant section detail.

Includes:-

4050 HF SDR Transceiver	BC405000		
4022 Power Supply Unit 24 V	BC402201		
4075 Linear amplifier 1kW	BC407501		
Fan unit to suit 4050	BCA40002		
4000 series Rack mount kit	BCA40007		
4075 Power Supply Unit 1 kW	BC407503		
AC Power distribution unit (power cable unterminated)	BCA407520		

Part Number	PKG Type	Net Weight
4075 HF High Power Transmitter Package No Rack - 500 W	N/A	N/A

The Barrett 4075 high power HF Transmitter is a compact rack mounted communications solution developed for base station applications.



See brochure for more detailed information.

Note:-

High power transmitters require high quality earthing systems and it is recommended that lightning arrestor kits are used on RF coaxial feeders. Details of required earthing systems are available from our technical service department and are supplied in the operation and installation manual.

For additional options and accessories, please see relevant section detail.

Includes:-

4050 HF SDR Transceiver	BC405000		
4022 Power Supply Unit 24 V	BC402201		
4075 Linear amplifier 500 W	BC407500		
Fan unit to suit 4050	BCA40002		
4000 series Rack mount kit	BCA40007		
4075 Power Supply Unit	BC407502		
AC Power distribution unit (power cable unterminated)	BCA407520		

Part Number

PKG Type

Net Weight

BCA407520

N/A

5.85 kg

AC power distribution box

Unit used for the reticulation of power in Barrett 39U and 20RU racks. Typically used as the mains power distribution component of a 4075 transmitter system.

Note:- When used in a Barrett 4075 Rack, it is supplied wired into the 4075 Junction Box.



Junction box

BCA407521

N/A

1.80 kg

Electrical junction box which allows termination of external, single phase, power cables into Barrett 39U and 20RU racks. Typical use is a single gland entry version for single 4075 transmitter systems and dual gland entry for dual 4075 transmitter systems.

Note:- This unit is required for 110V single phase mains supply only.





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Local and remote control devices

	Part Number	PKG Type	Net Weight
Field PC DESKTOP	BCA202010	N/A	14 kg

HP ProDesk 600 G4 Small Form Factor PC
Core i7-8700 3.2/4.6Ghz, 8GB, 256GB SSD, Win 10 Pro 64, 3 Yr 4VM89PA

- * Intel Core i7-8700 (3.2 / 4.6 GHz)
- * 8GB DDR4 2400MHz Memory
(1 slot in use, 3 slots available)
- * 256GB M.2 2280 PCIe NVMe SSD
- * Slim SuperMulti DVD Burner
- * Intel UHD 630 Graphics
- * 1 x Spare 3.5 Bay, Spare SATA Port
- * 6 x USB 2.0, 4 x USB 3.0, 1 x USB 3.1 Type-C
- * 3 x DisplayPort
- * Gigabit Ethernet
- * 1 x PCIe x4, 1 x PCIe x16 (single width cards only)
- * HP Keyboard and Mouse
- * Microsoft Windows 10 Professional 64bit
- * Acer UT241Y 23.8" Full HD IPS Height Adjustable Touch Screen Monitor
- * ALOGIC SmartConnect DisplayPort to HDMI 3m Cable



Note:- Specifications are typical. Equipment descriptions and specifications are subject to change without notice or obligation.

Field PC LAPTOP	BCA202011	N/A	4 kg
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Typically: Panasonic Laptop Rugged CF-31 Toughbook
- 13.1" TOUCHSCREEN

- i5 2.4GHz CPU
- 1TB HDD
- 8GB RAM
- Windows 7 Pro + MS Office
- WiFi
- DVD/CD-RW



Note:- Specifications are typical. Equipment descriptions and specifications are subject to change without notice or obligation.

Ethernet switch - 5 port	BCA40055	N/A	N/A
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The switched Ethernet networks reduce traffic and nonpredictable timing. Due to the narrow housing design, the switches are suitable for use in control cabinets and junction boxes. The switch supports the auto negotiation function and offers transmission speeds of 10/100Mbps across RJ45 ports. The RJ45 ports offer an autocrossing function which means it is not necessary to make a distinction between 1:1 and crossover cables.



Part Number	PKG Type	Net Weight
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Ethernet switch - 8 port

BCA40061

N/A

N/A

The switched Ethernet networks reduce traffic and unpredictable timing. Due to the narrow housing design, the switches are suitable for use in control cabinets and junction boxes. The switch supports the auto negotiation function and offers transmission speeds of 10/100Mbps across RJ45 ports. The RJ45 ports offer an autocrossing function which means it is not necessary to make a distinction between 1:1 and crossover cables.



Ethernet I/O controller Brainbox

BCA40056

N/A

0.25 kg

The Brainboxes Ethernet to DIO products are a range of Ethernet devices controlled by a host computer which provide digital communication functions using Input, Output and Relay lines. The ED product range has Input and Output lines which are capable of driving high current and high voltage loads and are specifically designed for use in industrial process control and automation environments.



RS485/Ethernet converter

BCA40057

N/A

0.34 kg

The Moxa NPort NPort 5110-T is an advanced, 1-port RS-232/422/485 serial device server that make it easy to network-enable serial devices



Optical fiber/Ethernet converter

BCA40058

N/A

N/A

Unmanaged Ethernet switch with 7 10/100BaseT(X) ports, and 1 100BaseFX multi-mode port with SC connector, -10 to 60°C operating temperature



Part Number

PKG Type

Net Weight

Omnitronics devices IPR100 VOIP/SIP

BCA40052

N/A

0.3 kg

VoIP/SIP Gateway Interface (desk mount)

Stock Code: 0005-02010



Omnitronics devices IPR100R

BCA40059

N/A

1 kg

VoIP/SIP Gateway Interface (rack mount)

Stock Code: 0005-02010-200



Omnitronics devices IPR110+ Desk Mount

BCA40054

N/A

0.3 kg

VoIP/SIP Gateway Interface (desk mount)

Stock Code: 0005-02010-111



Omnitronics devices IPR110+

BCA40060

N/A

1 kg

IPR110+R – VoIP/SIP Gateway Interface (rack mount)

Stock Code: 0005-02010-211



Omnitronics devices IPR400 4 Channel VOIP Interface

BCA40053

N/A

1 kg

Similar to IPR 100 but enables up to four two-way radios to be remotely controlled over an IP link.
(rack mount)





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Control position accessories

Part Number	PKG Type	Net Weight
BCA207642	C6	0.25 kg

PTT foot switch

Press to Talk footswitch suitable for operator console foot activated PTT applications.



Desktop console suit 4050

BCA40020

C4

1.6 kg

The Barrett Desktop console incorporates a 4050 Control head for full transceiver functionality via IP and for direct connectivity to transceiver. Features include Boom Microphone latching/ no latching PTT, USB Interface, Ethernet connection & Inbuilt Power supply.

Includes:-

- AC/DC Power Adapter P/N BCA40021
- Desktop Console manual P/N BCM40020
- IEC mains cord (*UK, European, AUS and US style Selected at point of order)

Note:- For direct cable connection to transceiver use P/N BCA40005 - Control Head cable.



Desk microphone

BCA40011

C6

1 kg

For 4050 transceiver



Headphones - lightweight

Folding headphones with connector to suit 4050 Transceiver - colour black.

Part Number

BCA40013

PKG Type

C6

Net Weight

0.3 kg



Headset - with boom mic

Folding headphone with boom mic to suit 4050 Transceiver - colour black

BCA40040

C6

0.3 kg



Coaxial switching devices

Part Number

PKG Type

Net Weight

2065-01-01

N/A

0.5 kg

Antenna/ATU switch unit

The Barrett Communications 2065 is a switch unit which allows the interconnection of Barrett Communications 2050 and 4050 Transceivers with Barrett Communications mobile antennas incorporating an ATU (Automatic Tuner Unit).



Receiver Multicoupler (8 Port)

BC407100

N/A

2 kg

This 1RU, 19" rack mountable multicoupler includes one RF input and 8 terminated(selectable) outputs suitable for eight receivers sharing one antenna.

Units are daisy-chainable to increase the number of outputs for larger installations.



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High power ATU

Part Number	PKG Type	Net Weight
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1 kW ATU tuner

BC407508

N/A

N/A

The Barrett 407508 1KW ATU uses a custom tuning algorithm to identify the optimum settings for each frequency. Once the initial tune is complete, the tuner swaps seamlessly between memory tunes with tune speeds of 500ms or less. With cable lengths up to 100m, the tuner can be located well away from the radio and power supply.



Notes:-

- Suitable whip antennas include BC91713 10m High power whip for 3-30 MHz operation and BC91714 10m (35ft) Aluminium high power whip antenna 2-30 MHz operation.
- For 2-30MHz operation using a long antenna minimum tuneable length is 44m
- Requires Anti-Vibration Tray for Marine Installation

Anti-Vibration Tray

BCA407535

N/A

N/A

When attached to the optional shock-mount, the 02-4100 is a rugged solution that is rated to MIL-STD-810G for shock and MIL-STD-167-1A for vibration.



4075 1kW ATU Control Cable 30 metres

BCA407540

N/A

3 kg

Antenna Tuner Unit control cable



4075 1kW ATU Control Cable 50 metres

BCA407541

N/A

5 kg

Antenna Tuner Unit control cable



4075 1kW ATU Control Cable 100 metres

BCA407542

N/A

10 kg

Antenna Tuner Unit control cable



4075 1kW ATU Coaxial Cable RG213 30 metres

Part Number

BCA407543

PKG Type

N/A

Net Weight

5.9 kg

Assembly RG 213, N Male to UHF Male. Total Cable Loss 0.612dB. Power out @ 500 watts = 434 watts. Power out @ 1000 watts = 868 watts



4075 1kW ATU Coaxial Cable RG213 - 50 metres

BCA407544

N/A

9.75 kg

Assembly RG 213, N Male to UHF Male. Total Cable Loss 1.260dB. Power out @ 500 watts = 374 watts. Power out @ 1000 watts = 748 watts



Note:- Not recommended that RG213 is used for this cable length

4075 1kW ATU Coaxial Cable RG213 - 100 metres

BCA407545

N/A

19.5 kg

Assembly RG 213, N Male to UHF Male. Total Cable Loss 2.520dB. Power out @ 500 watts = 280 watts. Power out @ 1000 watts = 560 watts



Note:- Not recommended that RG213 is used for this cable length

Coaxial cable from transmitter to ATU (LMR 400) pre-terminated cable - 50 metres

BCA407552

N/A

5.2 kg

Assembly LMR-400, N Male to UHF Male. Total Cable Loss 0.771dB. Power out @ 500 watts = 419 watts. Power out @ 1000 watts = 837 watts



Coaxial cable from transmitter to ATU (LMR 400) pre-terminated cable - 100 metres

BCA407553

N/A

10.4 kg

Assembly LMR-400, N Male to UHF Male. Total Cable Loss 1.542dB. Power out @ 500 watts = 351 watts. Power out @ 1000 watts = 701 watts



Part Number

PKG Type

Net Weight

Coaxial cable from transmitter to ATU (LDF4-50)
pre-terminated cable - 50 metres

BCA407554

N/A

11 kg

Assembly LDF4-50, N Male to UHF Male. Total Cable Loss 0.413dB. Power out @ 500 watts = 455 watts. Power out @ 1000 watts = 909 watts



Coaxial cable from transmitter to ATU (LDF4-50)
pre-terminated cable - 100 metres

BCA407555

N/A

22 kg

Assembly LDF4-50, N Male to UHF Male. Total Cable Loss 0.827dB. Power out @ 500 watts = 413 watts. Power out @ 1000 watts = 827 watts



4075 Interface box

BCA407536

N/A

N/A

4075 Interface box is the unit designed to interface the control signals from the 4075 Linear amplifier to the Highpower ATU.

Includes:-

The mains power supply for the ATU.



4075 Interface to Linear cable

SA-20767

N/A

N/A

This cable connects from the 4075 Interface box to the Linear amplifier

Includes:-

Small control PCB board in the Linear amplifier connector.



Ground Counterpoise Kit

BCA407550

N/A

5 kg

Portable 5 metres mast kit for tactical broadband and dipoles - rapid deployment.





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Racking options and accessories

Part Number	PKG Type	Net Weight
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39U floor mount 19" rack - colour black

BCA407523

N/A

58 kg

39U floor standing 19" rack, with back door and removable side panels.



20U desk mount 19" rack - colour black

BCA407522

N/A

36.8 kg

20U floor and desk mounted 19" rack, with back door and removable side panels.



4U table top rack mounting cabinet

BCA407524

N/A

2 kg

Our standard range of small 19" cabinets are 450mm deep and suitable for remote control table top applications and small equipment cabinet requirements. Optional front and rear doors if required.



6U table top rack mounting cabinet

BCA407525

N/A

2.2 kg

Our standard range of small 19" cabinets are 450mm deep and suitable for remote control table top applications and small equipment cabinet requirements. Optional front and rear doors if required.



8U table top rack mounting cabinet

BCA407526

N/A

2.4 kg

Our standard range of small 19" cabinets are 450mm deep and suitable for remote control table top applications and small equipment cabinet requirements. Optional front and rear doors if required.



Part Number	PKG Type	Net Weight
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19" Standard rack mount kit for 4050/4022

BCA40007	N/A	2 kg
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Standard rack mount tray for 4050/4022.

Includes:-

- Screw kit for mounting Transceiver/ Power supply unit.



19" Rack mount kit for 4022/4022

BCA40030	N/A	2 kg
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Standard rack mount tray for 4022/4022.

Includes:-

- Screw kit for mounting Transceiver/ Power supply unit.



19" Rack mount kit for 4050/4050

BCA40031	N/A	2 kg
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Standard rack mount tray for 4050/4050.

Includes:-

- Screw kit for mounting Transceiver/ Power supply unit.



2000 Series 19" Rack Mount Kit

BCA20007	N/A	2.35 kg
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Enables 19" rack mounting of 2000 Series transceivers, power supplies, modems and multi coupler units - fits two 2000 Series units with two front panels, one 2000 Series unit with one blanked position or one 2050 Transceiver with a speaker and microphone panel.



2000 Series 19" Rack Mount Kit (no inserts)

BCA20017	N/A	1.8 kg
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This is a lower cost version of the BCA20017 Rack Mount kit which does NOT include the inserts.

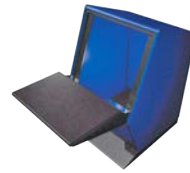
Enables 19" rack mounting of 2000 Series transceivers, power supplies, modems and multi coupler units - fits two 2000 Series units with two front panels, one 2000 Series unit with one blanked position or one 2050 Transceiver with a speaker and microphone panel.

Part Number	PKG Type	Net Weight
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Profile A Console

BCA207643	N/A	4 kg
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Suitable for operator positions and remote control equipment, the Profile A Console presents 12RU (535mm) of usable height in the viewing area, and up to 10RU (445mm) below the desk, with a standard 19" mounting width.



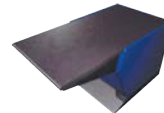
Available in the following colours:

 APO Grey Ripple P/# 34000-81	 Gypsy Beige Ripple P/# 34000-07
 IBM Blue Ripple P/# 34000-79	 Charcoal Grey Ripple P/# 34000-34
 Light Grey Ripple P/# 34000-41	 Sable Black TX P/# 34002-44







Profile B Console

BCA207644	N/A	4 kg
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This console matches the Profile A console and is suited for a desk top PC etc.



Available in the following colours:

 APO Grey Ripple P/# 34000-81	 Gypsy Beige Ripple P/# 34000-07
 IBM Blue Ripple P/# 34000-79	 Charcoal Grey Ripple P/# 34000-34
 Light Grey Ripple P/# 34000-41	 Sable Black TX P/# 34002-44







Profile C Console

BCA207645	N/A	8 kg
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Profile C offers the same above and below desk usable spaces as the profile A, with a further 8RU (355mm) area above. This is generally used for additional smaller monitors, often two C.C.T.V. units mounted side by side. It also suits equipment that is not suited to inclined mounting.



Available in the following colours:

 APO Grey Ripple P/# 34000-81	 Gypsy Beige Ripple P/# 34000-07
 IBM Blue Ripple P/# 34000-79	 Charcoal Grey Ripple P/# 34000-34
 Light Grey Ripple P/# 34000-41	 Sable Black TX P/# 34002-44

	Part Number	PKG Type	Net Weight
1U 19" rack blanking panel - colour black	BCA207626	N/A	0.15 kg

Powder coated 1U blank 19" rack panel.



Includes:- fasteners

2U 19" rack blanking panel - colour black	BCA207627	N/A	0.25 kg
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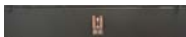
Powder coated 2U blank 19" rack panel.



Includes:- fasteners

2RU Microphone mounting panel - colour black	BCA207629	N/A	1.9 kg
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This 2RU panel has a microphone clip at its centre.



Includes:- fasteners

Modem shelf to suit 39U and 20U rack	BCA207641	N/A	1.9 kg
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19" shelf to suit modems or other freestanding equipment to be mounted in racks.



Includes:- fasteners

9RU 19" Suprobox plastic rack - colour black	MW-55577	N/A	24 kg
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Shock and vibration protection polymer transport case including metal frame suspended by shock mounts. IP65 and MIL-STD-810G rated for water and dust ingress.



9RU 19" Suprobox plastic rack - colour green	MW-55578	N/A	24 kg
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Shock and vibration protection polymer transport case including metal frame suspended by shock mounts. IP65 and MIL-STD-810G rated for water and dust ingress.



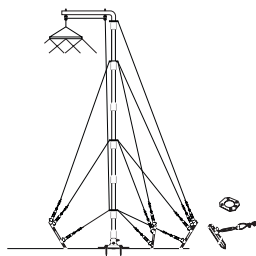
Antenna masts, whips and accessories

	Part Number	PKG Type	Net Weight
10 m Lightweight, air transportable aluminium mast - nylon guys - ground mounting	BC90205	N/A	27 kg

Suitable for rapid deployment of Barrett 912 125 W PEP Broadband antennas or 915 Series wire dipoles. Packed length 2 metres, suitable for air-freight.

Includes:-

- Offset bracket and pulleys
- Nylon guys, guy anchor pegs, pulleys and halyard
- Installation instructions

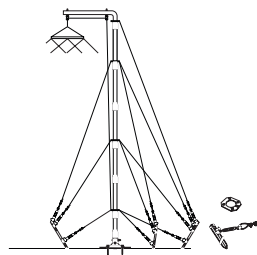


10 m Lightweight, air transportable aluminium mast - stainless steel guys - ground mounting	BC90206	N/A	32 kg
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Suitable for rapid deployment of Barrett 912 125 W Broadband antennas or 915 Series wire dipoles. Packed length 2 metres, suitable for air-freight.

Includes:-

- Offset bracket and pulleys
- S/S guys, guy anchor pegs, pulleys and halyard
- Installation instructions

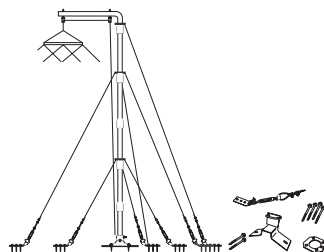


10 m Lightweight, air transportable aluminium mast - stainless steel guys - roof mounting	BC90207	N/A	32 kg
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Suitable for rapid deployment of Barrett 912 125 W Broadband antennas or 915 Series wire dipoles. Packed length 2 metres, suitable for air-freight.

Includes:-

- Offset bracket and pulleys
- S/S guys, guy anchor brackets, pulleys and halyard
- Installation instructions.

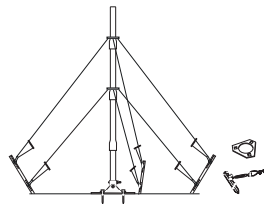


	Part Number	PKG Type	Net Weight
6 m Lightweight, air transportable aluminium mast - nylon guys - ground mounting	BC90209	N/A	20 kg

Suitable for rapid deployment of Barrett 2017 Automatic Tuning Horizontal Dipole. Packed length 2 metres, suitable for air-freight.

Includes:-

- Nylon guys, guy anchor pegs and halyard
- Installation instructions



10 m (35ft) GMDSS Marine high power whip antenna 3-30 MHz (500W/1KW)	BC91713	N/A	N/A
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Notes:-

- For use with BC407508 1 kW Automatic antenna tuner (Lencom ATU).
- Not suitable for 500W/1KW operation below 3MHz
- For High Power 2-30MHz operation use BC91704 35ft Aluminium high power whip.
- Suitable counterpoise/ground plane required for ground installation, see BCA407550 Multi Radial Earth Matt/Ground plane counterpoise kit.



10 m (35ft) Aluminium high power whip antenna 2-30 MHz (500W/1KW)	BC91714	N/A	N/A
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Notes:-

- For use with BC407508 1 kW Automatic antenna tuner (Lencom ATU).
- Not suitable for 500W/1KW operation below 2MHz
- All HF whip antennas require a suitable counterpoise/ground plane – See BCA407550 Multi Radial Earth Matt/Ground plane counterpoise kit
- Suitable counterpoise/ground plane required for ground installation, see BCA407550 Multi Radial Earth Matt/Ground plane counterpoise kit.



Part Number

PKG Type

Net Weight

Lattice Tower ready kit - H:12.7 metres Guyed

BC90216

N/A

100 kg

Tower Ready Kit - 12.7m guyed steel lattice mast.

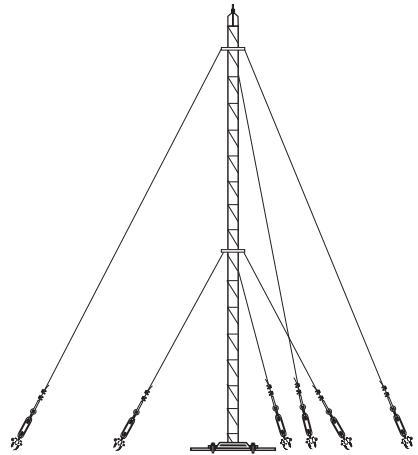
Includes:-

- 8 X Tower Mounting Platform Kit / D: 260 / H: 1500 (4 X RV10080)
- 1 X Tower Mounting Top Kit (1 X RV10079)
- 1 X Tower Mounting Base Kit (1 X RV10078)
- 170m Steel Rope 3mm Hot-Dip Galvanized, Din 3055, Construction 6x7
- 12 X Turnbuckle M8 (Eye/Eye)
- 72 X Rope Clamp 3 Mm
- 12 X Shackle M10 (10mm)
- 6 X Concrete Anchor 12m X 200mm
- 12 X Thimble 4-5mm



Note:-

- Due to the volumetric shipping nature of masts and cost of airfreight we strongly recommend antenna masts are sourced locally at destination.
- Mast depicted is a representation only.



Halyard and pulley kit - to suit 912 Broadband antennas

Part Number

BCA91201

PKG Type

C6

Net Weight

1.2 kg

Includes:-

- 2 off stainless steel pulleys
- 100 metres of 4 mm braided nylon halyard



Halyard and pulley kit (Heavy) - to suit 91207 54 metres Broadband antenna

BCA90203

C6

1.8 kg

Includes:-

- 2 off stainless steel pulleys
- 100 metres of 6 mm heavy braided nylon halyard



Offset bracket and pulley

BCA90200

N/A

2.2 kg

To facilitate mounting of 912 Broadbands or 915 Wire dipoles in an inverted "V" configuration on either 902 Winch-up towers or 902 Telescopic masts.

Pulley to suit 4 mm halyard.



2000lb (907Kg) Capacity worm gear portable or mountable hand winch with bracket and mounting hardware

BC90217

N/A

10 kg

We recommend the use of this winch to facilitate the lifting of the BC91207 54M Multi-Wire Broadband dipole antenna to prevent injury due to the antenna's substantial lifting weight.



Coaxial Cables and accessories

	Part Number	PKG Type	Net Weight
RG58 Single Screen Coaxial Cable - 50 Ohm Sold per metre	CA-06512	N/A	N/A
			
Male connector RG-58 Male Crimp-On BNC Connector	CN-04028	N/A	0.1 kg
			
RG213 Coaxial Cable, Transmission, RG213, 50 ohm Sold per metre	CA-06513	N/A	N/A
			
N-type Male connector (Crimp type for RG213) RF / Coaxial Connector, N Coaxial, Straight Plug, Crimp, 50 ohm, RG8, RG213	BCA90048	N/A	0.1 kg
			
N-type Female connector (Crimp type for RG213) RF / Coaxial Connector, N Coaxial, Straight Jack, Crimp, 50 ohm, RG213	BCA90058	N/A	0.1 kg
			
UHF (PL259) Male connector (Crimp type for RG213) RF / Coaxial, UHF Plug, Straight, Crimp	BCA407556	N/A	0.1 kg
			
N-type Female barrel connector Adaptor - N Type Jack to N Type Jack Barrel	BCA90059	N/A	0.1 kg
			
CNT-400 (LMR 400) Double Screened Coaxial Cable - 50 Ohm - 2 Type: Al Foil TC Braid Sold per metre.	BCA90057	N/A	N/A
			

	Part Number	PKG Type	Net Weight
CNT-400 (LMR 400) N-Type Male connector RF Coaxial, N Plug, 50 Ohm, for LMR 400 cable	BCA407557	N/A	0.1 kg
			
CNT-400 (LMR 400) N-Type Female connector RF Coaxial, N Jack, 50 Ohm, for LMR 400 cable	BCA407558	N/A	0.1 kg
			
STRIPPING TOOL, LMR-400 COAX CABLE For Use With: LMR-400 Type Coax Cables	BCA407559	N/A	0.5 kg
			
Crimping Tool, LMR-400 COAX CABLE For Use With: LMR-400 Type Crimp Connectors	BCA407560	N/A	0.5 kg
			
LDF4-50 Coax Cable Andrew Corrugated - LDF4-50 Heliax® Excellent Intermodulation Performance, Complete RF shielding, Phase stability, Low attenuation High power capability. Sold per metre	BCA90060	N/A	N/A
			
N-type Male connector (LDF4/50) N -Type Male - LDF4-50	BCA90061	N/A	0.1 kg
			

Part Number	PKG Type	Net Weight
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N-type Female connector (LDF4/50)

BCA90062

N/A

0.1 kg

N-Type Female - LDF4-50



LDF4-50 Automatic cable preparation tool

BCA90063

N/A

0.5 kg

EASIAx Plus automated cable prep tool, 1/2"
Coax - LDF4-50



Stainless Steel cable ties

BCA90064

N/A

0.1 kg

- Superior strength
- Ideal for use indoors, outdoors or underground
- Choose desired width and length
- Resistant to corrosion, salt, acids, chemicals, radiation, extreme temperatures and all weather conditions
- Install with full confidence that the Grade 316 Stainless Steel will maintain integrity over many decades.



Coaxial cable tower clamps

BCA90065

N/A

0.25 kg

- KwikClamp - 1/2" Cable Single Run
- Material type: Stainless Steel
- Ideal for installing single runs on towers where space is limited
- Self clamping hangers eliminate the need for drilling or adaptors
- Ideal for multiple run cable hangers designed exclusively for European style towers
- Cost effective KwikClamp cable hangers eliminate the need for drilling and adapters
- These self-clamping cable hangers attach directly to round or flat tower members, providing sturdy, reliable, long-term support to systems





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Lightning protection and earthing (grounding)

Part Number

PKG Type

Net Weight

Lightning arrester 400 W

BCA90034

T1 & C6

2.05 kg

Includes:-

- 1 x Lightning arrester module PO-00020
- 1 x 5 metres length of RG58 Coaxial cable with PL259/UHF (male)
- 1 x Steel dolly
- 1 x 3 metres earth braid
- 1 x Brass cable clamp assembly
- 1 x Copper plated steel earth rod



Lightning arrester 1 Kw

BCA207503

T1 & C6

2.45 kg

Includes:-

- 1 x Lightning arrester module PO-00020
- 1 x 5 metres length of RG213 Coaxial cable with PL259/UHF (male)
- 1 x Steel dolly
- 1 x 3 metres earth braid
- 1 x Brass cable clamp assembly
- 1 x Copper plated steel earth rod
- 1 x Earthing cable P/N SA-00003



Lightening arrester module 400 W

PO-00020

N/A

0.1 kg

Inline lightning protection module



Lightening arrester module 1 Kw

PO-00024

N/A

0.1 kg

Inline lightning protection module



Part Number	PKG Type	Net Weight
PO-00021	N/A	0.01 kg

Lightening arrestor insert - 400 W

Insert pellets suitable for up to 400W RF Power



PO-00022	N/A	0.01 kg
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Lightening arrestor insert - 1Kw

Insert pellets suitable for up to 1KW RF Power



PO-00023	N/A	0.48 kg/m
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Earthing cable #2SWG (38.6mm²)

24 strands of 14 gauge copper wire, 1/2" diameter, rope lay



Packaging

Package type	Description	Length	Width	Depth
C1	Large carton	54 cm	39 cm	22 cm
C2	2000 Series carton	54 cm	39 cm	17 cm
C3	Standard Dangerous Goods carton	54 cm	39 cm	17 cm
C4	OEM carton	25 cm	18 cm	7 cm
C5	Antenna carton	90 cm	22 cm	22 cm
C6	OEM carton - Accessories	36 cm	25 cm	9 cm
C7	Small Dangerous Goods carton	30 cm	18 cm	18 cm
C8	Very large carton	53 cm	39 cm	35 cm
SC1	Shipper with 3 x C1 or 4 x C2	56 cm	40 cm	70 cm
SC3	Shipper with 2 x C8	56 cm	40 cm	47 cm
T1	Antenna tube section	150 cm	5 cm	5 cm
T3	Antenna tube section	220 cm	5 cm	5 cm
T4	NVIS tube section	350 cm	5 cm	5 cm
T5	Antenna tube section	250 cm	10 cm	10 cm

- Note:-**
1. The dimensions shown may vary from time to time depending on consignment circumstances.
 2. For all shipments, we comply with IATA regulations and charge the greater of either volumetric weight.

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